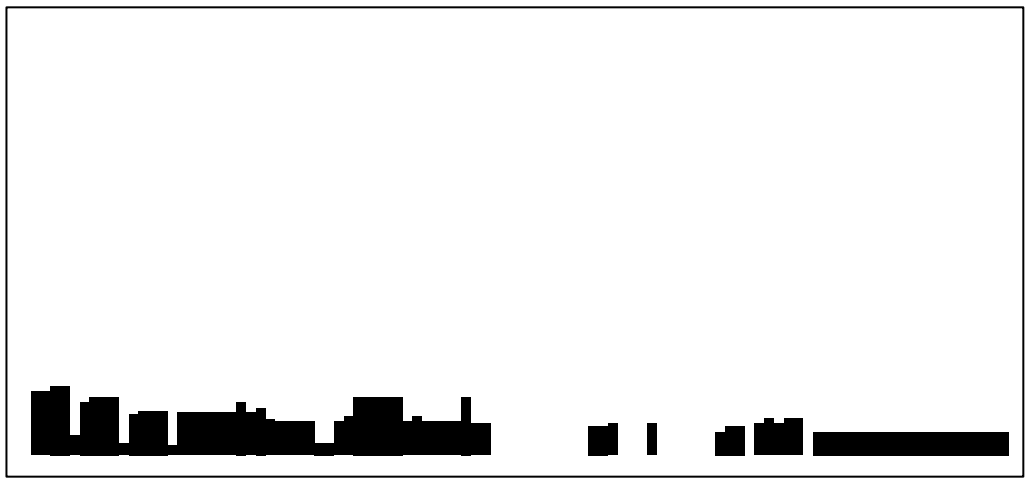
OTU_285;size=820;.csv

Chordariaceae sp. 10 AP−2014

Chordariaceae

Ectocarpales

83



Chordariaceae sp. 10 AP−2014 mitochondrial partial	LM995100	83	92.17	3.34488e−50	Ectocarpales	Chordariaceae	Chordariaceae sp. 10 AP−2014
Chordariaceae sp. 10 AP−2014 mitochondrial partial	LM995092	83	92.17	3.34488e−50	Ectocarpales	Chordariaceae	Chordariaceae sp. 10 AP−2014
Phytopythium megacarpum mitochondrial COXI gene fo	AB690635	83.25	90.78	1.16748e−49	Peronosporales		Phytopythium megacarpum
Phytopythium megacarpum voucher CBS112351 cytochro	HQ708435	83.25	90.78	1.16748e−49	Peronosporales		Phytopythium megacarpum
Chordariaceae sp. 13 AP−2014 mitochondrial partial	LM995226	80.93	99.08	1.42228e−48	Ectocarpales	Chordariaceae	Chordariaceae sp. 13 AP−2014
Chordariaceae sp. 4 AP−2014 mitochondrial partial	LM995061	82.5	92.17	1.42228e−48	Ectocarpales	Chordariaceae	Chordariaceae sp. 4 AP−2014
Phytopythium boreale mitochondrial COXI gene for c	AB690647	82.74	90.78	1.42228e−48	Peronosporales		Phytopythium boreale
Phytopythium boreale voucher CBS55188 cytochrome o	HQ708419	82.74	90.78	1.42228e−48	Peronosporales		Phytopythium boreale
Pythium boreale strain CBS 551.88 cytochrome oxida	EF408872	82.74	90.78	1.42228e−48	Peronosporales		Phytopythium boreale
Chordariaceae sp. 17 AP−2014 mitochondrial partial	LM995107	80.56	99.54	4.96424e−48	Ectocarpales	Chordariaceae	Chordariaceae sp. 17 AP−2014
Laminarionema elsbetiae mitochondrial partial COI	LM994984	81.95	93.55	4.96424e−48	Ectocarpales	Chordariaceae	Laminarionema elsbetiae
Peronospora rubi isolate P1021 cytochrome c oxidas	KJ654093	82.09	92.63	4.96424e−48	Peronosporales	Peronosporaceae	Peronospora rubi
Peronospora potentillae−reptantis isolate P0929 cy	KJ654087	82.09	92.63	4.96424e−48	Peronosporales	Peronosporaceae	Peronospora potentillae−reptantis
Phytophthora chrysanthemi mitochondrial COXI gene	AB688212	82.09	92.63	4.96424e−48	Peronosporales		Phytophthora chrysanthemi
Chordariaceae sp. 16 AP−2014 mitochondrial partial	LM995297	80.47	99.08	1.73269e−47	Ectocarpales	Chordariaceae	Chordariaceae sp. 16 AP−2014
Chordariaceae sp. 4 AP−2014 mitochondrial partial	LM995257	82	92.17	1.73269e−47	Ectocarpales	Chordariaceae	Chordariaceae sp. 4 AP−2014
Chordariaceae sp. 4 AP−2014 mitochondrial partial	LM995253	82	92.17	1.73269e−47	Ectocarpales	Chordariaceae	Chordariaceae sp. 4 AP−2014
Chordariaceae sp. 4 AP−2014 mitochondrial partial	LM995237	82	92.17	1.73269e−47	Ectocarpales	Chordariaceae	Chordariaceae sp. 4 AP−2014
Chordariaceae sp. 4 AP−2014 mitochondrial partial	LM995141	82	92.17	1.73269e−47	Ectocarpales	Chordariaceae	Chordariaceae sp. 4 AP−2014
Stilophora tenella mitochondrial partial COI gene	LM994991	82	92.17	1.73269e−47	Ectocarpales	Chordariaceae	Stilophora tenella
Chordariaceae sp. 18 AP−2014 mitochondrial partial	LM995365	82	92.17	1.73269e−47	Ectocarpales	Chordariaceae	Chordariaceae sp. 18 AP−2014
Halophytophthora operculata strain CBS 24183 cytoc	KF853238	82.5	90.78	1.73269e−47	Pythiales	Pythiaceae	Halophytophthora operculata
Poterioochromonas malhamensis mitochondrial partia	FN663990	82	92.17	1.73269e−47	Ochromonadales	Ochromonadaceae	Poterioochromonas malhamensis
Phytopythium sp. MAB−2011e mitochondrial COXI gene	AB690652	82.23	90.78	6.04768e−47	Peronosporales		Phytopythium sp. MAB−2011e
Phytophthora taxon paludosa strain MUCC765 cytochr	HQ012876	81.68	93.09	6.04768e−47	Peronosporales		Phytophthora taxon paludosa
Phytophthora litoralis x moyootj strain VHS16115 c	KM883143	81.59	92.63	2.11085e−46	Peronosporales		Phytophthora litoralis x moyootj
Phytophthora litoralis x moyootj strain DH147 cyto	KM883132	81.59	92.63	2.11085e−46	Peronosporales		Phytophthora litoralis x moyootj
Phytophthora litoralis x moyootj strain DH134 cyto	KM883130	81.59	92.63	2.11085e−46	Peronosporales		Phytophthora litoralis x moyootj
Peronospora illyrica isolate HV255 cytochrome c ox	KM058106	81.59	92.63	2.11085e−46	Peronosporales	Peronosporaceae	Peronospora illyrica
Spermatochnus paradoxus mitochondrial partial COI	LM994990	80.57	97.24	2.11085e−46	Ectocarpales	Chordariaceae	Spermatochnus paradoxus
Spermatochnus paradoxus mitochondrial partial COI	LM994989	80.57	97.24	2.11085e−46	Ectocarpales	Chordariaceae	Spermatochnus paradoxus
Peronospora illyrica isolate P_HV_2076 cytochrome	KJ654155	81.59	92.63	2.11085e−46	Peronosporales	Peronosporaceae	Peronospora illyrica
Dinobryon divergens strain Wa26_13 cytochrome oxid	KJ579407	81.82	91.24	2.11085e−46	Chromulinales	Dinobryaceae	Dinobryon divergens
Colpomenia bullosa voucher GWS009622 cytochrome ox	KF281122	82.72	88.02	2.11085e−46	Ectocarpales	Scytosiphonaceae	Colpomenia bullosa
Colpomenia bullosa voucher GWS019917 cytochrome ox	KF281121	82.72	88.02	2.11085e−46	Ectocarpales	Scytosiphonaceae	Colpomenia bullosa
Colpomenia bullosa voucher GWS009653 cytochrome ox	KF281120	82.72	88.02	2.11085e−46	Ectocarpales	Scytosiphonaceae	Colpomenia bullosa
Colpomenia bullosa voucher GWS021902 cytochrome ox	KF281119	82.72	88.02	2.11085e−46	Ectocarpales	Scytosiphonaceae	Colpomenia bullosa
Colpomenia bullosa voucher GWS003384 cytochrome ox	KF281118	82.72	88.02	2.11085e−46	Ectocarpales	Scytosiphonaceae	Colpomenia bullosa
Pyropia haitanensis isolate Z−17 cytochrome oxidas	KC791164	81.59	92.63	2.11085e−46	Bangiales	Bangiaceae	Pyropia haitanensis
Phytopythium sp. BOLD:AAO6860 voucher ADC9520 cyto	HQ708444	81.82	91.24	2.11085e−46	Peronosporales		Phytopythium sp. BOLD:AAO6860
Phytophthora litoralis strain CBS 127953 cytochrom	HQ012866	81.59	92.63	2.11085e−46	Peronosporales		Phytophthora litoralis
Phytophthora litoralis strain VHS19173 cytochrome	HQ012865	81.59	92.63	2.11085e−46	Peronosporales		Phytophthora litoralis
Phytophthora litoralis strain VHS17085 cytochrome	HQ012864	81.59	92.63	2.11085e−46	Peronosporales		Phytophthora litoralis
Phytophthora litoralis strain MUCC762 cytochrome o	HQ012862	81.59	92.63	2.11085e−46	Peronosporales		Phytophthora litoralis
Colpomenia bullosa cytochrome C oxidase subunit I	AF037995	82.72	88.02	2.11085e−46	Ectocarpales	Scytosiphonaceae	Colpomenia bullosa
Poterioochromonas malhamensis strain GD001 cytochr	KP342048	81.5	92.17	7.36758e−46	Ochromonadales	Ochromonadaceae	Poterioochromonas malhamensis
Poterioochromonas malhamensis strain GC003 cytochr	KP342046	81.5	92.17	7.36758e−46	Ochromonadales	Ochromonadaceae	Poterioochromonas malhamensis
Lobophora declerckii voucher BDA1450 cytochrome ox	KR260286	80	99.08	7.36758e−46	Dictyotales	Dictyotaceae	Lobophora declerckii
Lobophora declerckii voucher BDA1441 cytochrome ox	KR260285	80	99.08	7.36758e−46	Dictyotales	Dictyotaceae	Lobophora declerckii
Lobophora declerckii voucher BDA1661 cytochrome ox	KR260284	80	99.08	7.36758e−46	Dictyotales	Dictyotaceae	Lobophora declerckii
Lobophora declerckii voucher BDA1689 cytochrome ox	KR260283	80	99.08	7.36758e−46	Dictyotales	Dictyotaceae	Lobophora declerckii
Lobophora declerckii voucher BDA1788 cytochrome ox	KR260282	80	99.08	7.36758e−46	Dictyotales	Dictyotaceae	Lobophora declerckii
Lobophora declerckii voucher BDA1276 cytochrome ox	KR260275	80	99.08	7.36758e−46	Dictyotales	Dictyotaceae	Lobophora declerckii
Lobophora declerckii voucher BDA1275 cytochrome ox	KR260274	80	99.08	7.36758e−46	Dictyotales	Dictyotaceae	Lobophora declerckii
Lobophora declerckii voucher BDA0096 cytochrome ox	KR260273	80	99.08	7.36758e−46	Dictyotales	Dictyotaceae	Lobophora declerckii
Lobophora declerckii voucher BDA0095 cytochrome ox	KR260272	80	99.08	7.36758e−46	Dictyotales	Dictyotaceae	Lobophora declerckii
Lobophora declerckii voucher PC0143240 cytochrome	KR260266	80	99.08	7.36758e−46	Dictyotales	Dictyotaceae	Lobophora declerckii
Peronospora pulveracea isolate HV425 cytochrome c	KM058107	81.37	92.63	7.36758e−46	Peronosporales	Peronosporaceae	Peronospora pulveracea
Peronospora sp. HV−2015 isolate HV3065 cytochrome	KM058104	81.37	92.63	7.36758e−46	Peronosporales	Peronosporaceae	Peronospora sp. HV−2015
Chordariaceae sp. 15 AP−2014 mitochondrial partial	LM995296	81.5	92.17	7.36758e−46	Ectocarpales	Chordariaceae	Chordariaceae sp. 15 AP−2014
Feldmannia globifera mitochondrial partial COI gen	LM995281	80	99.08	7.36758e−46	Ectocarpales	Acinetosporaceae	Feldmannia globifera
Feldmannia globifera mitochondrial partial COI gen	LM995277	80	99.08	7.36758e−46	Ectocarpales	Acinetosporaceae	Feldmannia globifera
Feldmannia globifera mitochondrial partial COI gen	LM995274	80	99.08	7.36758e−46	Ectocarpales	Acinetosporaceae	Feldmannia globifera
Chordariaceae sp. 2 AP−2014 mitochondrial partial	LM995271	81.5	92.17	7.36758e−46	Ectocarpales	Chordariaceae	Chordariaceae sp. 2 AP−2014
Chordariaceae sp. 7 AP−2014 mitochondrial partial	LM995251	80	99.08	7.36758e−46	Ectocarpales	Chordariaceae	Chordariaceae sp. 7 AP−2014
Feldmannia globifera mitochondrial partial COI gen	LM995197	80	99.08	7.36758e−46	Ectocarpales	Acinetosporaceae	Feldmannia globifera
Cladosiphon zosterae mitochondrial partial COI gen	LM994999	80	99.08	7.36758e−46	Ectocarpales	Chordariaceae	Cladosiphon zosterae
Hincksia mitchelliae mitochondrial partial COI gen	LM994976	80	99.08	7.36758e−46	Ectocarpales	Acinetosporaceae	Hincksia mitchelliae
Hincksia mitchelliae mitochondrial partial COI gen	LM994975	80	99.08	7.36758e−46	Ectocarpales	Acinetosporaceae	Hincksia mitchelliae
Feldmannia globifera mitochondrial partial COI gen	LM995330	80	99.08	7.36758e−46	Ectocarpales	Acinetosporaceae	Feldmannia globifera
Peronospora sanguisorbae isolate P2714 cytochrome	KJ654138	81.09	92.63	7.36758e−46	Peronosporales	Peronosporaceae	Peronospora sanguisorbae
Peronospora alpicola isolate P2706 cytochrome c ox	KJ654137	81.37	92.63	7.36758e−46	Peronosporales	Peronosporaceae	Peronospora alpicola
Peronospora pulveracea isolate P2681 cytochrome c	KJ654134	81.37	92.63	7.36758e−46	Peronosporales	Peronosporaceae	Peronospora pulveracea
Nannochloropsis limnetica strain CCMP505 mitochond	KC568459	80	99.08	7.36758e−46	Eustigmatales	Monodopsidaceae	Nannochloropsis limnetica
Chordariaceae sp. 4nov voucher GWS005236A cytochro	JX572010	81.5	92.17	7.36758e−46	Ectocarpales	Chordariaceae	Chordariaceae sp. 4nov
Pythium ostracodes mitochondrial COXI gene for cyt	AB690638	81.73	90.78	7.36758e−46	Peronosporales		Phytopythium ostracodes
Pythium apiculatum voucher CBS120945 cytochrome ox	HQ708490	81.5	92.17	7.36758e−46	Pythiales	Pythiaceae	Pythium apiculatum
Phytopythium ostracodes voucher CBS76873 cytochrom	HQ708442	81.73	90.78	7.36758e−46	Peronosporales		Phytopythium ostracodes
Pythium ostracodes strain CBS 768.73 cytochrome ox	EF408874	81.73	90.78	7.36758e−46	Peronosporales		Phytopythium ostracodes
Monodus sp. CCMP505 mitochondrial DNA for cytochro	AB000207	80	99.08	7.36758e−46	Mischococcales	Pleurochloridaceae	Monodus sp. CCMP505
Phytophthora heveae isolate TW71 cytochrome oxidas	KU682594	81.09	92.63	2.57154e−45	Peronosporales		Phytophthora heveae
Phytophthora sp. NJB−2015 strain NJB2014−AF−W12−5	KP749428	81.09	92.63	2.57154e−45	Peronosporales		Phytophthora sp. NJB−2015
Phytophthora cocois strain ICMP 19685 cytochrome o	KP295244	81.09	92.63	2.57154e−45	Peronosporales		Phytophthora cocois
Phytophthora heveae strain ICMP 19452 cytochrome o	KP295240	81.09	92.63	2.57154e−45	Peronosporales		Phytophthora heveae
Phytophthora heveae strain ICMP 19451 cytochrome o	KP295239	81.09	92.63	2.57154e−45	Peronosporales		Phytophthora heveae
Phytophthora agathidicida strain ICMP 18410 cytoch	KP295232	81.09	92.63	2.57154e−45	Peronosporales		Phytophthora agathidicida
Phytophthora agathidicida strain ICMP 18408 cytoch	KP295231	81.09	92.63	2.57154e−45	Peronosporales		Phytophthora agathidicida
Phytophthora agathidicida strain ICMP 18407 cytoch	KP295230	81.09	92.63	2.57154e−45	Peronosporales		Phytophthora agathidicida
Phytophthora agathidicida strain ICMP 18406 cytoch	KP295229	81.09	92.63	2.57154e−45	Peronosporales		Phytophthora agathidicida
Phytophthora agathidicida strain ICMP 18404 cytoch	KP295228	81.09	92.63	2.57154e−45	Peronosporales		Phytophthora agathidicida
Phytophthora agathidicida strain ICMP 18401 cytoch	KP295227	81.09	92.63	2.57154e−45	Peronosporales		Phytophthora agathidicida
Phytophthora agathidicida strain ICMP 18360 cytoch	KP295226	81.09	92.63	2.57154e−45	Peronosporales		Phytophthora agathidicida
Phytophthora agathidicida strain ICMP 18358 cytoch	KP295225	81.09	92.63	2.57154e−45	Peronosporales		Phytophthora agathidicida
Phytophthora agathidicida strain ICMP 18244 cytoch	KP295224	81.09	92.63	2.57154e−45	Peronosporales		Phytophthora agathidicida
Phytophthora heveae strain ICMP 17964 cytochrome o	KP295223	81.09	92.63	2.57154e−45	Peronosporales		Phytophthora heveae
Phytophthora agathidicida strain ICMP 17027 cytoch	KP295222	81.09	92.63	2.57154e−45	Peronosporales		Phytophthora agathidicida
Phytophthora cocois strain ICMP 16949 cytochrome o	KP295221	81.09	92.63	2.57154e−45	Peronosporales		Phytophthora cocois
Phytophthora cocois strain ICMP 16948 cytochrome o	KP295220	81.09	92.63	2.57154e−45	Peronosporales		Phytophthora cocois
Phytophthora heveae strain ICMP 16914 cytochrome o	KP295218	81.09	92.63	2.57154e−45	Peronosporales		Phytophthora heveae
Phytophthora agathidicida strain ICMP 16471 cytoch	KP295216	81.09	92.63	2.57154e−45	Peronosporales		Phytophthora agathidicida