OTU_140;size=3887;.csv

Trebouxia aggregata

Microthamniales

80.66

Trebouxia aggregata strain SAG 219−1d ribosomal pr	EU123948	80.66	97.7	6.04684e−47	Microthamniales		Trebouxia aggregata
Prasiola crispa clone Contig2 mitochondrion sequen	KR017747	80.09	99.54	2.11055e−46	Prasiolales	Prasiolaceae	Prasiola crispa
Lobosphaera incisa strain SAG 2468 mitochondrion,	KP902678	78.8	100	3.81597e−43	Chlorellales	Chlorellaceae	Lobosphaera incisa
Trebouxiophyceae sp. MX−AZ01 mitochondrion, comple	JX315601	78.14	99.08	1.97672e−40			Trebouxiophyceae sp. MX−AZ01
Chlorella reisiglii mitochondrial gene for COXI, p	AB009363	79.19	90.78	8.40524e−39	Chlorellales	Chlorellaceae	Chlorella reisiglii
Amborella trichopoda chromosome II mitochondrion,	KF754802	77.21	99.08	1.02397e−37	Amborellales	Amborellaceae	Amborella trichopoda
Amborella trichopoda chromosome I mitochondrion, c	KF754803	76.74	99.08	1.24745e−36	Amborellales	Amborellaceae	Amborella trichopoda
Botryococcus braunii Showa complete mitochondrion	LT545992	76.5	100	4.35402e−36		Botryococcaceae	Botryococcus braunii Showa
Closterium baillyanum culture−collection SAG:50.89	KF060940	76.39	99.54	1.5197e−35	Desmidiales	Closteriaceae	Closterium baillyanum
Botryococcus braunii mitochondrion, complete genom	KR057902	78.42	87.56	5.30428e−35		Botryococcaceae	Botryococcus braunii
Chlorokybus atmophyticus strain SAG 48.80 mitochon	EF463011	79.44	82.95	5.30428e−35	Chlorokybales	Chlorokybaceae	Chlorokybus atmophyticus
Tetraselmis aff. maculata cytochrome c oxidase sub	AF116777	76.96	94.01	1.85138e−34	Chlorodendrales	Chlorodendraceae	Tetraselmis aff. maculata
Mesospora negrosensis isolate CHD120 cytochrome c	KC847370	77.66	88.48	2.74769e−32	Ralfsiales	Mesosporaceae	Mesospora negrosensis
Mesospora negrosensis isolate KU1065 cytochrome c	KC847368	77.66	88.48	2.74769e−32	Ralfsiales	Mesosporaceae	Mesospora negrosensis
Lachnocaulon anceps cytochrome oxidase subunit I g	AY053574	75.47	97.7	2.74769e−32	Poales	Eriocaulaceae	Lachnocaulon anceps
Ectocarpus fasciculatus mitochondrial partial COI	LM995093	76.53	90.32	9.59037e−32	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995074	76.53	90.32	9.59037e−32	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995036	76.53	90.32	9.59037e−32	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Uncultured florideophyte clone AGB−PT005 cytochrom	KM507784	75.69	100	9.59037e−32			uncultured Florideophyceae
Plantago reniformis cytochrome oxidase subunit 1 (	EU069527	76.53	90.32	9.59037e−32	Lamiales	Plantaginaceae	Plantago reniformis
Ginkgo biloba mitochondrion, complete genome	KM672373	75	97.7	1.16835e−30	Ginkgoales	Ginkgoaceae	Ginkgo biloba
Ectocarpus fasciculatus mitochondrial partial COI	LM995235	77.47	83.87	1.16835e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Plantago rugelii voucher JAG 0092 cytochrome oxida	EU701157	76.29	89.4	1.16835e−30	Lamiales	Plantaginaceae	Plantago rugelii
Plantago major voucher JAG 0299 cytochrome oxidase	EU701155	76.29	89.4	1.16835e−30	Lamiales	Plantaginaceae	Plantago major
Plantago uniglumis cytochrome oxidase subunit 1 (c	EU069535	76.29	89.4	1.16835e−30	Lamiales	Plantaginaceae	Plantago uniglumis
Plantago trinitatis cytochrome oxidase subunit 1 (	EU069534	76.29	89.4	1.16835e−30	Lamiales	Plantaginaceae	Plantago trinitatis
Plantago tomentosa cytochrome oxidase subunit 1 (c	EU069533	76.29	89.4	1.16835e−30	Lamiales	Plantaginaceae	Plantago tomentosa
Plantago spathulata cytochrome oxidase subunit 1 (	EU069530	76.29	89.4	1.16835e−30	Lamiales	Plantaginaceae	Plantago spathulata
Plantago raoulii cytochrome oxidase subunit 1 (cox	EU069526	76.29	89.4	1.16835e−30	Lamiales	Plantaginaceae	Plantago raoulii
Plectritis congesta voucher Shenk 308 cytochrome o	EF121470	76.29	89.4	1.16835e−30	Dipsacales	Caprifoliaceae	Plectritis congesta
Centranthus ruber voucher Bell 203 cytochrome oxid	EF121456	76.29	89.4	1.16835e−30	Dipsacales	Caprifoliaceae	Centranthus ruber
Plantago australis mitochondrial partial cox1 gene	AJ389608	76.29	89.4	1.16835e−30	Lamiales	Plantaginaceae	Plantago australis
Ginkgo biloba cytochrome c oxidase (coxI) gene, mi	AF020565	75	97.7	1.16835e−30	Ginkgoales	Ginkgoaceae	Ginkgo biloba
Macrocystis pyrifera strain Warrnambool01 cytochro	KT159011	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain WhalersBeach02 cytochr	KT159010	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain WhalersBeach01 cytochr	KT159009	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain LucasPoint03 cytochrom	KT159004	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain LucasPoint02 cytochrom	KT159003	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain LucasPoint01 cytochrom	KT159002	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain InnerSaddle02 cytochro	KT159001	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain InnerSaddle01 cytochro	KT159000	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain HuonIsland04 cytochrom	KT158999	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain HuonIsland03 cytochrom	KT158998	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain HuonIsland02 cytochrom	KT158997	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain HuonIsland01 cytochrom	KT158996	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain GoatIsland04 cytochrom	KT158995	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain GoatIsland03 cytochrom	KT158994	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain GoatIsland02 cytochrom	KT158993	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain GoatIsland01 cytochrom	KT158992	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain BaudinRocks04 cytochro	KT158991	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain BaudinRocks03 cytochro	KT158990	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain BaudinRocks02 cytochro	KT158989	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain BaudinRocks01 cytochro	KT158988	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain BlackmansBay03 cytochr	KT158987	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain BlackmansBay02 cytochr	KT158986	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera strain BlackmansBay01 cytochr	KT158985	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Ectocarpus fasciculatus mitochondrial partial COI	LM995264	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995261	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995242	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995229	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995227	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995209	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995204	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995200	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995191	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995182	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995179	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995154	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995142	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995134	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995111	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995083	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995039	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995038	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995037	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995035	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995027	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995023	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Ectocarpus fasciculatus mitochondrial partial COI	LM995022	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Petalonia zosterifolia voucher GWS005885 cytochrom	KF281224	75.88	89.86	4.07793e−30	Ectocarpales	Scytosiphonaceae	Petalonia zosterifolia
Linuche sp. BMOO−07259 cytochrome c oxidase subuni	KC706697	76.02	90.32	4.07793e−30	Coronatae	Linuchidae	Linuche sp. BMOO−07259
Ectocarpus fasciculatus isolate E−FAS cytochrome c	JF796540	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus
Macrocystis pyrifera haplotype H9 cytochrome oxida	HM153265	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera haplotype H7 cytochrome oxida	HM153263	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera haplotype H6 cytochrome oxida	HM153262	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera haplotype H5 cytochrome oxida	HM153261	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera haplotype H4 cytochrome oxida	HM153260	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera haplotype H3 cytochrome oxida	HM153259	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Macrocystis pyrifera haplotype H1 cytochrome oxida	HM153257	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Macrocystis pyrifera
Cystophora retroflexa isolate B166 cytochrome oxid	GU289293	76.02	90.32	4.07793e−30	Fucales	Sargassaceae	Cystophora retroflexa
Cystophora congesta isolate B115 cytochrome oxidas	GU289263	76.02	90.32	4.07793e−30	Fucales	Sargassaceae	Cystophora congesta
Cystophora congesta isolate B145 cytochrome oxidas	GU289281	76.02	90.32	4.07793e−30	Fucales	Sargassaceae	Cystophora congesta
Cystophora retroflexa isolate B121 cytochrome oxid	GU289267	76.02	90.32	4.07793e−30	Fucales	Sargassaceae	Cystophora retroflexa
Cystophora congesta isolate B116 cytochrome oxidas	GU289264	76.02	90.32	4.07793e−30	Fucales	Sargassaceae	Cystophora congesta
Cystophora subfarcinata isolate B110 cytochrome ox	GU289260	76.02	90.32	4.07793e−30	Fucales	Sargassaceae	Cystophora subfarcinata
Cystophora retroflexa isolate B094 cytochrome oxid	GU289250	76.02	90.32	4.07793e−30	Fucales	Sargassaceae	Cystophora retroflexa
Cystophora retroflexa isolate A080 cytochrome oxid	GU289232	76.02	90.32	4.07793e−30	Fucales	Sargassaceae	Cystophora retroflexa
Nereocystis luetkeana voucher GWS008535 cytochrome	GU097721	75.12	99.54	4.07793e−30	Laminariales	Laminariaceae	Nereocystis luetkeana
Ectocarpus sp. FRA0524 cytochrome c oxidase subuni	EU681406	76.02	90.32	4.07793e−30	Ectocarpales	Ectocarpaceae	Ectocarpus sp. FRA0524
Ectocarpus fasciculatus mitochondrial partial COI	LM995042	75.51	90.32	4.96793e−29	Ectocarpales	Ectocarpaceae	Ectocarpus fasciculatus