

OTU_139;size=4151;.csv

Eunotia sp. EUN392T

Eunotiaceae

Eunotiales

93.52

Eunotia sp. EUN392T cytochrome c oxidase subunit I	EF164960	93.52	99.54	4.95479e-86	Eunotiales	Eunotiaceae	Eunotia sp. EUN392T
Asterionellopsis guyunusae voucher UR8 cytochrome	KF453984	79.26	100	3.13234e-44	Fragilariales	Fragilariaceae	Asterionellopsis guyunusae
Dimeregramma acutum voucher Van5.3 cytochrome oxid	KF768027	78.7	99.54	1.3319e-42	Triceratales	Plagiogrammaceae	Dimeregramma acutum
Thalassiosira weissflogii voucher IK_MTA80 cytochr	GQ844277	78.34	100	1.62259e-41	Thalassiosirales	Thalassiosiraceae	Thalassiosira weissflogii
Parvamoeba rugata strain CCAP 1556/1 clone 1 cytoc	JN202434	78.18	100	5.6634e-41	Himatismenida		Parvamoeba rugata
Asterionellopsis maritima voucher HX5 cytochrome o	KF453982	77.88	100	1.97672e-40	Fragilariales	Fragilariaceae	Asterionellopsis maritima
Parvamoeba rugata strain CCAP 1556/1 clone 2 cytoc	JN202435	77.73	100	2.40814e-39	Himatismenida		Parvamoeba rugata
Haslea sp. RG-2015a strain SCCAP K-1343 cytochrome	KT257733	77.46	98.16	2.93372e-38	Naviculales	Naviculaceae	Haslea sp. RG-2015a
Asterionellopsis thurstonii voucher CCMP135 cytoch	KF453985	77.31	99.54	2.93372e-38	Fragilariales	Fragilariaceae	Asterionellopsis thurstonii
Navicula sp. CCMP2562 cytochrome oxidase subunit 1	HQ317077	77.46	98.16	2.93372e-38	Naviculales	Naviculaceae	Navicula sp. BOLD:AAO6951
Skeletonema menzellii mitochondrial coxI gene for	AB706242	76.96	100	1.02397e-37	Thalassiosirales	Skeletonemataceae	Skeletonema menzellii
Uncultured zooplankton clone 22_228 cytochrome c o	KC732413	79	91.71	3.574e-37			zooplankton environmental sample
Uncultured zooplankton clone 22_121 cytochrome c o	KC732401	79	91.71	3.574e-37			zooplankton environmental sample
Pyropia haitanensis isolate Z-17 cytochrome oxidas	KC791164	76.85	99.54	3.574e-37	Bangiales	Bangiaceae	Pyropia haitanensis
Synedra sp. 26 LG-2014 cytochrome oxidase subunit	KJ671747	77	98.16	1.24745e-36	Fragilariales	Fragilariaceae	Synedra sp. 26 LG-2014
Haslea sp. VL-2012 mitochondrial partial COI gene	HF563532	77	98.16	1.24745e-36	Naviculales	Naviculaceae	Haslea sp. VL-2012
Invertebrate environmental sample clone H02 cytoch	GU070935	78.28	91.24	1.24745e-36			invertebrate environmental sample
Invertebrate environmental sample clone G03 cytoch	GU070934	78.28	91.24	1.24745e-36			invertebrate environmental sample
Minutocellus polymorphus voucher CCMP499 cytochrom	GQ844268	78.46	89.86	1.24745e-36	Cymatosirales	Cymatosiraceae	Minutocellus polymorphus
Chaetoceros sp. MBTD-CMFRI-S045 cytochrome oxidase	KM202109	76.5	100	4.35402e-36	Chaetocerotales	Chaetocerotaceae	Chaetoceros sp. MBTD-CMFRI-S045
Thalassiosira sp. A11 LG-2014 cytochrome oxidase s	KJ671754	77.89	91.71	4.35402e-36	Thalassiosirales	Thalassiosiraceae	Thalassiosira sp. A11 LG-2014
Skeletonema menzellii mitochondrial coxI gene for	AB948162	76.5	100	4.35402e-36	Thalassiosirales	Skeletonemataceae	Skeletonema menzellii
Gomphonema clevei strain TCC507 cytochrome oxidase	JQ354718	76.89	97.7	4.35402e-36		Gomphonemataceae	Gomphonema clevei
Gomphonema clevei strain TCC469 cytochrome oxidase	JQ354710	76.89	97.7	4.35402e-36		Gomphonemataceae	Gomphonema clevei
Cuphophyllus lacmus voucher TRTC156890 cytochrome	JN029446	77.89	91.71	4.35402e-36	Agaricales	Hygrophoraceae	Cuphophyllus lacmus
Cuphophyllus lacmus voucher TRTC156836 cytochrome	JN029445	77.89	91.71	4.35402e-36	Agaricales	Hygrophoraceae	Cuphophyllus lacmus
Pythium violae voucher CBS17886 cytochrome oxidase	HQ708998	76.5	100	4.35402e-36	Pythiales	Pythiaceae	Pythium violae
Thalassionema nitzschioides mitochondrial coxI gen	AB020228	76.89	97.7	4.35402e-36	Thalassionemales	Thalassionemataceae	Thalassionema nitzschioides
Crustacea environmental sample clone Bsex-23 cytoc	KP136553	77.27	100	1.5197e-35			Crustacea environmental sample
Uncultured zooplankton clone 22_123 cytochrome c o	KC732414	78.5	91.71	1.5197e-35			zooplankton environmental sample
Uncultured zooplankton clone 22_74 cytochrome c ox	KC732406	78.5	91.71	1.5197e-35			zooplankton environmental sample
Plagiogramma sp. IAL-2014a voucher Van5.4 cytochro	KF768028	76.39	99.54	1.5197e-35	Triceratales	Plagiogrammaceae	Plagiogramma sp. IAL-2014a
Haslea sp. VL-2012 mitochondrial partial COI gene	HF563531	76.53	98.16	1.5197e-35	Naviculales	Naviculaceae	Haslea sp. VL-2012
Nitzschia acidoclinata clone TCC543 cytochrome oxi	KF736648	77.78	91.24	1.5197e-35	Bacillariales	Bacillariaceae	Nitzschia acidoclinata
Nitzschia acidoclinata clone TCC537 cytochrome oxi	KC736647	77.78	91.24	1.5197e-35	Bacillariales	Bacillariaceae	Nitzschia acidoclinata
Gomphonema parvulum strain TCC734 cytochrome oxida	JQ354725	76.39	99.54	1.5197e-35		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC494 cytochrome oxida	JQ354716	76.39	99.54	1.5197e-35		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC492 cytochrome oxida	JQ354715	76.39	99.54	1.5197e-35		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC482 cytochrome oxida	JQ354714	76.39	99.54	1.5197e-35		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC428 cytochrome oxida	JQ354696	76.39	99.54	1.5197e-35		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC436 cytochrome oxida	JQ354703	76.39	99.54	1.5197e-35		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC434 cytochrome oxida	JQ354702	76.39	99.54	1.5197e-35		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC426 cytochrome oxida	JQ354695	76.39	99.54	1.5197e-35		Gomphonemataceae	Gomphonema parvulum
Pluteus sp. Bil07-39 cytochrome oxidase subunit 1	JN029483	76.39	99.54	1.5197e-35		Pluteaceae	Pluteus sp. YYY002-10
Nitzschia frustulum culture-collection CCMP:558 cy	HQ317083	76.39	99.54	1.5197e-35	Agaricales	Bacillariaceae	Nitzschia frustulum
Nitzschia cf. fonticola 1 RT-2009 mitochondrial pa	FN557060	77.78	91.24	1.5197e-35	Bacillariales	Bacillariaceae	Nitzschia cf. fonticola 1 RT-2009
Nitzschia frustulum mitochondrial coxI gene for cy	AB020225	76.39	99.54	1.5197e-35	Bacillariales	Bacillariaceae	Nitzschia frustulum
Lithodesmium variable strain 30 cytochrome oxidas	KJ671735	76.04	100	5.30428e-35	Lithodesmiales	Lithodesmiaceae	Lithodesmium variable
Colpomenia bullosa voucher GWS009622 cytochrome ox	KF281122	76.81	95.39	5.30428e-35	Ectocarpales	Scytosiphonaceae	Colpomenia bullosa
Colpomenia bullosa voucher GWS019917 cytochrome ox	KF281121	76.81	95.39	5.30428e-35	Ectocarpales	Scytosiphonaceae	Colpomenia bullosa
Colpomenia bullosa voucher GWS009653 cytochrome ox	KF281120	76.81	95.39	5.30428e-35	Ectocarpales	Scytosiphonaceae	Colpomenia bullosa
Colpomenia bullosa voucher GWS021902 cytochrome ox	KF281119	76.81	95.39	5.30428e-35	Ectocarpales	Scytosiphonaceae	Colpomenia bullosa
Colpomenia bullosa voucher GWS003384 cytochrome ox	KF281118	76.81	95.39	5.30428e-35	Ectocarpales	Scytosiphonaceae	Colpomenia bullosa
Psathyrella aff. gracilis TRTC155527 cytochrome ox	JN029499	76.26	99.54	5.30428e-35	Agaricales	Psathyrellaceae	Psathyrella aff. gracilis TRTC155527
Psathyrella aff. gracilis TRTC155531 cytochrome ox	JN029498	76.26	99.54	5.30428e-35	Agaricales	Psathyrellaceae	Psathyrella aff. gracilis TRTC155531
Catathelasma ventricosum voucher TRTC156545 cytoch	JN029408	76.26	99.54	5.30428e-35	Agaricales	Tricholomataceae	Catathelasma ventricosum
Pythium violae voucher ADC9924 cytochrome oxidase	HQ709007	76.04	100	5.30428e-35	Pythiales	Pythiaceae	Pythium violae
Pythium buismaniae voucher CBS28831 cytochrome oxi	HQ708526	76.04	100	5.30428e-35	Pythiales	Pythiaceae	Pythium buismaniae
Cylindrotheca fusiformis voucher CCMP344 cytochrom	GQ844253	76.04	100	5.30428e-35	Bacillariales	Bacillariaceae	Cylindrotheca fusiformis
Pythium buismaniae strain CBS 288.31 cytochrome c	EU350527	76.04	100	5.30428e-35	Pythiales	Pythiaceae	Pythium buismaniae
Colpomenia bullosa cytochrome C oxidase subunit I	AF037995	76.81	95.39	5.30428e-35	Ectocarpales	Scytosiphonaceae	Colpomenia bullosa
Coscinodiscus sp. 35 LG-2014 cytochrome oxidase su	KJ671729	76.61	100	1.85138e-34	Coscinodiscales	Coscinodiscaceae	Coscinodiscus sp. 35 LG-2014
Pinnularia cf. altiplanensis strain (Tor11)b cytoc	JN418678	77.39	91.71	1.85138e-34	Naviculales	Pinnulariaceae	Pinnularia cf. altiplanensis
Pluteus pseudorobertii voucher TRTC52355 cytochrom	JN029495	75.93	99.54	1.85138e-34	Pluteaceae	Pluteaceae	Pluteus pseudorobertii
Pluteus pellitus voucher TRTC051178 cytochrome oxi	JN029493	75.93	99.54	1.85138e-34	Pluteaceae	Pluteaceae	Pluteus pellitus
Pluteus pellitus voucher TRTC052589 cytochrome oxi	JN029492	75.93	99.54	1.85138e-34	Pluteaceae	Pluteaceae	Pluteus pellitus
Pluteus curtisii voucher TRTC154080 cytochrome oxi	JN029491	75.93	99.54	1.85138e-34	Pluteaceae	Pluteaceae	Pluteus curtisii
Pluteus cervinus voucher TRTC52142 cytochrome oxid	JN029488	75.93	99.54	1.85138e-34	Pluteaceae	Pluteaceae	Pluteus cervinus
Pythium irregulare voucher BR778 cytochrome oxidas	HQ708676	75.93	99.54	1.85138e-34	Pythiales	Pythiaceae	Pythium irregulare
Pythium irregulare voucher BR804 cytochrome oxidas	HQ708674	75.93	99.54	1.85138e-34	Pythiales	Pythiaceae	Pythium irregulare
Pythium irregulare strain STE-U6786 cytochrome c o	GU071849	75.93	99.54	1.85138e-34	Pythiales	Pythiaceae	Pythium irregulare
Haptoglossa zoospora isolate LEV6507 cytochrome c	KT257397	76.5	99.54	6.46194e-34			Haptoglossa zoospora
Haptoglossa sp. UK cytochrome c oxidase subunit I	KP965744	76.5	99.54	6.46194e-34			Haptoglossa sp. UK
Thalassiosira nordenskiöldii strain 21 cytochrome	KJ671750	76.64	98.16	6.46194e-34	Thalassiosirales	Thalassiosiraceae	Thalassiosira nordenskiöldii
Pseudo-nitzschia sp. A2ni cytochrome oxidase subun	KJ671739	76.19	96.77	6.46194e-34	Bacillariales	Bacillariaceae	Pseudo-nitzschia sp. A2ni
Nitzschia cf. fonticola 2 RT-2009 mitochondrial pa	FN557061	77.27	91.24	6.46194e-34	Bacillariales	Bacillariaceae	Nitzschia cf. fonticola 2 RT-2009
Skeletonema marinoi voucher 06.JK029.Smar.mt mitoc	KT874463	75.58	100	2.25544e-33	Thalassiosirales	Skeletonemataceae	Skeletonema marinoi
Peronospora argemones isolate P0749 cytochrome c o	KJ654082	75.58	100	2.25544e-33	Peronosporales	Peronosporaceae	Peronospora argemones
Phytophthora sp. GUCC0015 mitochondrial COXI gene	AB998877	75.58	100	2.25544e-33	Peronosporales		Phytophthora sp. GUCC0015
Skeletonema ardens strain MBTD-CMFRI-S049 cytochro	KM202114	75.58	100	2.25544e-33	Thalassiosirales	Skeletonemataceae	Skeletonema ardens
Chaetoceros sp. MBTD-CMFRI-S062 cytochrome oxidase	KM202111	77.16	90.78	2.25544e-33	Chaetocerotales	Chaetocerotaceae	Chaetoceros sp. MBTD-CMFRI-S062
Chaetoceros sp. MBTD-CMFRI-S005 cytochrome oxidase	KM202108	77.16	90.78	2.25544e-33	Chaetocerotales	Chaetocerotaceae	Chaetoceros sp. MBTD-CMFRI-S005
Skeletonema tropicum strain 20 cytochrome oxidase	KJ671745	75.58	100	2.25544e-33	Thalassiosirales	Skeletonemataceae	Skeletonema tropicum
Skeletonema marinoi strain 31 cytochrome oxidase s	KJ671744	75.58	100	2.25544e-33	Thalassiosirales	Skeletonemataceae	Skeletonema marinoi
Skeletonema marinoi strain 22 cytochrome oxidase s	KJ671743	75.58	100	2.25544e-33	Thalassiosirales	Skeletonemataceae	Skeletonema marinoi
Skeletonema marinoi strain 17 cytochrome oxidase s	KJ671741	75.58	100	2.25544e-33	Thalassiosirales	Skeletonemataceae	Skeletonema marinoi
Skeletonema dohrnii mitochondrial coxI gene for cy	AB948152	75.58	100	2.25544e-33	Thalassiosirales	Skeletonemataceae	Skeletonema dohrnii
Peronospora sp. MA-Fungi 27841 voucher MA:Fungi:27	KJ651335	75.58	100	2.25544e-33	Peronosporales	Peronosporaceae	Peronospora sp. MA-Fungi 27841
Peronospora somniferi isolate BL-B8 voucher WU:324	KJ651326	75.58	100	2.25544e-33	Peronosporales	Peronosporaceae	Peronospora somniferi
Peronospora somniferi isolate P18TVMT cytochrome c	KJ651324	75.58	100	2.25544e-33	Peronosporales	Peronosporaceae	Peronospora somniferi
Peronospora somniferi isolate HV2972 voucher WU:32	KJ651321	75.58	100	2.25544e-33	Peronosporales	Peronosporaceae	Peronospora somniferi
Asterionellopsis lenisilicea voucher MB9 cytochrom	KF453981	75.94	97.7	2.25544e-33	Fragilariales	Fragilariaceae	Asterionellopsis lenisilicea
Asterionellopsis lenisilicea voucher MB8 cytochrom	KF453980	75.94	97.7	2.25544e-33	Fragilariales	Fragilariaceae	Asterionellopsis lenisilicea
Pythium sp. WJB-1 strain PPRI8300 cytochrome c oxi	JX397978	75.58	100	2.25544e-33	Pythiales	Pythiaceae	Pythium sp. WJB-1
Skeletonema potamos mitochondrial coxI gene for cy	AB706249	75.58	100	2.25544e-33	Thalassiosirales	Skeletonemataceae	Skeletonema potamos
Skeletonema pseudocostatum mitochondrial coxI gene	AB706245	75.58	100	2.25544e-33	Thalassiosirales	Skeletonemataceae	Skeletonema pseudocostatum
Skeletonema dohrnii mitochondrial coxI gene for cy	AB706228	75.58	100	2.25544e-33	Thalassiosirales	Skeletonemataceae	Skeletonema dohrnii
Skeletonema dohrnii mitochondrial coxI gene for cy	AB706222	75.58	100	2.25544e-33	Thalassiosirales	Skeletonemataceae	Skeletonema dohrnii
Pleurotus fossulatus strain D1820 cytochrome oxida	EU593151	75	99.54	7.87225e-33	Agaricales	Pleurotaceae	Pleurotus fossulatus
Asterionellopsis glacialis voucher IK_MTA55 cytoch	GQ844246	75.58	100	7.87225e-33	Fragilariales	Fragilariaceae	Asterionellopsis glacialis