

OTU_190;size=1769;.csv

Eunotia sp. EUN392T

Eunotiaceae

Eunotiales

80.47

Eunotia sp. EUN392T cytochrome c oxidase subunit I	EF164960	80.47	99.08	1.73085e-47	Eunotiales	Eunotiaceae	Eunotia sp. EUN392T
Skeletonema dohrnii mitochondrial coxl gene for cy	AB706221	77.78	91.24	1.5183e-35	Thalassiosirales	Skeletonemataceae	Skeletonema dohrnii
Skeletonema marinoi voucher 06.JK029.Smar.mt mitoc	KT874463	76.77	91.24	7.86501e-33	Thalassiosirales	Skeletonemataceae	Skeletonema marinoi
Skeletonema marinoi strain 31 cytochrome oxidase s	KJ671744	76.77	91.24	7.86501e-33	Thalassiosirales	Skeletonemataceae	Skeletonema marinoi
Skeletonema marinoi strain 22 cytochrome oxidase s	KJ671743	76.77	91.24	7.86501e-33	Thalassiosirales	Skeletonemataceae	Skeletonema marinoi
Bacillaria paxillifer strain 6 cytochrome oxidase	KJ671724	76.77	91.24	7.86501e-33	Bacillariales	Bacillariaceae	Bacillaria paxillifer
Skeletonema dohrnii mitochondrial coxl gene for cy	AB948152	76.77	91.24	7.86501e-33	Thalassiosirales	Skeletonemataceae	Skeletonema dohrnii
Skeletonema marinoi mitochondrial coxl gene for cy	AB706239	76.77	91.24	7.86501e-33	Thalassiosirales	Skeletonemataceae	Skeletonema marinoi
Skeletonema dohrnii mitochondrial coxl gene for cy	AB706228	76.77	91.24	7.86501e-33	Thalassiosirales	Skeletonemataceae	Skeletonema dohrnii
Skeletonema dohrnii mitochondrial coxl gene for cy	AB706222	76.77	91.24	7.86501e-33	Thalassiosirales	Skeletonemataceae	Skeletonema dohrnii
Skeletonema dohrnii mitochondrial coxl gene for cy	AB706225	76.77	91.24	7.86501e-33	Thalassiosirales	Skeletonemataceae	Skeletonema dohrnii
Skeletonema dohrnii mitochondrial coxl gene for cy	AB706223	76.77	91.24	7.86501e-33	Thalassiosirales	Skeletonemataceae	Skeletonema dohrnii
Skeletonema costatum mitochondrial coxl gene for c	AB020227	76.77	91.24	7.86501e-33	Thalassiosirales	Skeletonemataceae	Skeletonema costatum
Skeletonema marinoi strain 17 cytochrome oxidase s	KJ671741	76.26	91.24	3.34429e-31	Thalassiosirales	Skeletonemataceae	Skeletonema marinoi
Skeletonema dohrnii mitochondrial coxl gene for cy	AB706227	76.26	91.24	3.34429e-31	Thalassiosirales	Skeletonemataceae	Skeletonema dohrnii
Skeletonema dohrnii mitochondrial coxl gene for cy	AB706224	76.26	91.24	3.34429e-31	Thalassiosirales	Skeletonemataceae	Skeletonema dohrnii
Skeletonema dohrnii mitochondrial coxl gene for cy	AB706220	76.26	91.24	3.34429e-31	Thalassiosirales	Skeletonemataceae	Skeletonema dohrnii
Skeletonema marinoi strain 18 cytochrome oxidase s	KJ671742	75.76	91.24	4.07418e-30	Thalassiosirales	Skeletonemataceae	Skeletonema marinoi
Amphiprora alata strain J cytochrome oxidase subun	KJ671723	75.88	89.86	4.07418e-30	Naviculales	Amphipleuraceae	Amphiprora alata
Skeletonema potamos mitochondrial coxl gene for cy	AB706249	75.76	91.24	4.07418e-30	Thalassiosirales	Skeletonemataceae	Skeletonema potamos
Skeletonema pseudocostatum mitochondrial coxl gene	AB706245	75.76	91.24	4.07418e-30	Thalassiosirales	Skeletonemataceae	Skeletonema pseudocostatum
Biddulphia chinensis strain 29 cytochrome oxidase	KJ671725	75.49	94.01	1.42203e-29	Triceratiales	Triceratiaceae	Trieres chinensis
Asterionellopsis thurstonii voucher CCMP135 cytoch	KF453985	75.38	91.71	4.96336e-29	Fragilariales	Fragilariaceae	Asterionellopsis thurstonii
Chordariaceae sp. 9 AP-2014 mitochondrial partial	LM995417	76.5	84.33	1.73238e-28	Ecotarpales	Chordariaceae	Chordariaceae sp. 9 AP-2014
Tenuicylindrus sp. LG-2015 cytochrome oxidase subu	KM820894	75.62	90.78	1.73238e-28		Leptocyliindraceae	Tenuicylindrus sp. LG-2015
Thalassiosira rotula strain 27 cytochrome oxidase	KJ671752	75.62	90.78	1.73238e-28	Thalassiosirales	Thalassiosiraceae	Thalassiosira rotula
Plagiogramma sp. IAL-2014a voucher Van5.4 cytochro	KF768028	75.25	91.24	1.73238e-28	Triceratiales	Plagiogrammaceae	Plagiogramma sp. IAL-2014a
Skeletonema japonicum mitochondrial coxl gene for c	AB706235	75.25	91.24	1.73238e-28	Thalassiosirales	Skeletonemataceae	Skeletonema japonicum
Thalassiosira nordenskiöldii strain 21 cytochrome	KJ671750	75.26	89.4	6.04661e-28	Thalassiosirales	Thalassiosiraceae	Thalassiosira nordenskiöldii
Dictyota humifusa cytochrome c oxidase subunit 1 (JQ061104	75.13	90.78	6.04661e-28	Dictyotales	Dictyotaceae	Dictyota humifusa
Haptoglossa zoospora isolate LEV6507 cytochrome c	KT257397	75.96	84.33	2.11047e-27		Haptoglossa zoospora	Haptoglossa zoospora
Haptoglossa sp. UK cytochrome c oxidase subunit I	KP965744	75.96	84.33	2.11047e-27			Haptoglossa sp. UK
Acinetosporaceae sp. 11 AP-2014 mitochondrial part	LM995439	75.96	84.33	2.11047e-27	Ecotarpales	Acinetosporaceae	Acinetosporaceae sp. 11 AP-2014
Chordariaceae sp. 15 AP-2014 mitochondrial partial	LM995296	74.75	91.24	2.11047e-27	Ecotarpales	Chordariaceae	Chordariaceae sp. 15 AP-2014
Microspongium tenuissimum mitochondrial partial CO	LM995138	75.96	84.33	2.11047e-27	Ecotarpales	Chordariaceae	Microspongium tenuissimum
Microspongium alariae mitochondrial partial COI ge	LM994993	74.75	91.24	2.11047e-27	Ecotarpales	Chordariaceae	Microspongium alariae
Microspongium tenuissimum mitochondrial partial CO	LM994992	75.96	84.33	2.11047e-27	Ecotarpales	Chordariaceae	Microspongium tenuissimum
Chordariaceae sp. 11 AP-2014 mitochondrial partial	LM995429	74.75	91.24	2.11047e-27	Ecotarpales	Chordariaceae	Chordariaceae sp. 11 AP-2014
Chordariaceae sp. 11 AP-2014 mitochondrial partial	LM995418	74.75	91.24	2.11047e-27	Ecotarpales	Chordariaceae	Chordariaceae sp. 11 AP-2014
Skeletonema tropicum strain 20 cytochrome oxidase	KJ671745	74.75	91.24	2.11047e-27	Thalassiosirales	Skeletonemataceae	Skeletonema tropicum
Skeletonema tropicum mitochondrial coxl gene for c	AB948168	74.75	91.24	2.11047e-27	Thalassiosirales	Skeletonemataceae	Skeletonema tropicum
Frustulia gondwana mitochondrial partial COI gene	HF562263	75	90.78	2.11047e-27	Naviculales	Amphipleuraceae	Frustulia gondwana
Skeletonema tropicum mitochondrial coxl gene for c	AB706251	74.75	91.24	2.11047e-27	Thalassiosirales	Skeletonemataceae	Skeletonema tropicum
Skeletonema subsalsum mitochondrial coxl gene for	AB706248	74.75	91.24	2.11047e-27	Thalassiosirales	Skeletonemataceae	Skeletonema subsalsum
Skeletonema japonicum mitochondrial coxl gene for	AB706234	74.75	91.24	2.11047e-27	Thalassiosirales	Skeletonemataceae	Skeletonema japonicum
Skeletonema costatum mitochondrial coxl gene for c	AB706217	74.75	91.24	2.11047e-27	Thalassiosirales	Skeletonemataceae	Skeletonema costatum
Thalassiosira pseudonana mitochondrion, complete g	DQ186202	74.75	91.24	2.11047e-27	Thalassiosirales	Thalassiosiraceae	Thalassiosira pseudonana
Collembola sp. BOLD:ACI5010 voucher BIOUG06579-A06	KM618741	74.87	89.86	7.36628e-27			Collembola sp. BOLD:ACI5010
Synedra sp. 26 LG-2014 cytochrome oxidase subunit	KJ671747	74.87	89.86	7.36628e-27			Synedra sp. 26 LG-2014
Nitzschia longissima strain 33 cytochrome oxidase	KJ671736	73.27	100	7.36628e-27	Fragilariales	Fragilariaceae	Nitzschia longissima
Haslea karadagensis mitochondrial partial COI gene	HF563530	82.31	59.91	7.36628e-27	Bacillariales	Bacillariaceae	Haslea karadagensis
Dictyota nigricans cytochrome c oxidase subunit 1	JQ061106	74.62	90.78	7.36628e-27	Naviculales	Naviculaceae	Dictyota nigricans
Scoresbyella profunda voucher DIC44 cytochrome oxi	GQ425121	73.49	99.08	7.36628e-27	Dictyotales	Dictyotaceae	Dictyota nigricans
Haslea karadagensis mitochondrial partial COI gene	HF563529	82.17	59.45	2.57108e-26	Dictyotales	Scoresbyellaceae	Scoresbyella profunda
Ganonema yoshizakii voucher ARS00054 cytochrome c	HQ422853	86.79	48.85	2.57108e-26	Naviculales	Naviculaceae	Haslea karadagensis
Microspongium tenuissimum mitochondrial partial CO	LM995327	75.41	84.33	8.97397e-26	Liagoraceae	Liagoraceae	Ganonema yoshizakii
Microspongium tenuissimum mitochondrial partial CO	LM995130	75.41	84.33	8.97397e-26	Chordariaceae	Chordariaceae	Microspongium tenuissimum
Chordariaceae sp. 10 AP-2014 mitochondrial partial	LM995100	74.24	91.24	8.97397e-26	Chordariaceae	Chordariaceae	Microspongium tenuissimum
Chordariaceae sp. 10 AP-2014 mitochondrial partial	LM995092	74.24	91.24	8.97397e-26	Chordariaceae	Chordariaceae	Chordariaceae sp. 10 AP-2014
Mesogloia vermiculata mitochondrial partial COI ge	LM994995	74.24	91.24	8.97397e-26	Chordariaceae	Chordariaceae	Mesogloia vermiculata
Chordariaceae sp. 14 AP-2014 mitochondrial partial	LM995397	75.41	84.33	8.97397e-26	Chordariaceae	Chordariaceae	Chordariaceae sp. 14 AP-2014
Thalassiosira sp. A11 LG-2014 cytochrome oxidase s	KJ671754	74.24	91.24	8.97397e-26	Chordariaceae	Thalassiosiraceae	Thalassiosira sp. A11 LG-2014
Skeletonema costatum mitochondrial coxl gene for c	AB948151	74.24	91.24	8.97397e-26	Thalassiosirales	Skeletonemataceae	Skeletonema costatum
Skeletonema tropicum mitochondrial coxl gene for c	AB706250	74.24	91.24	8.97397e-26	Thalassiosirales	Skeletonemataceae	Skeletonema tropicum
Pinnularia viridiformis strain Pin 870 MG cytochro	JN418691	74.24	91.24	8.97397e-26	Naviculales	Pinnulariaceae	Pinnularia viridiformis
Amansia glomerata voucher ARS04053 cytochrome c ox	HQ423024	75.13	90.32	8.97397e-26	Ceramiales	Rhodomelaceae	Amansia glomerata
Amansia glomerata voucher 01594 cytochrome c oxida	HM582899	75.13	90.32	8.97397e-26	Ceramiales	Rhodomelaceae	Amansia glomerata
Thalassiosira weissflogii voucher IK_MTA80 cytochr	GQ844277	74.24	91.24	8.97397e-26	Thalassiosirales	Thalassiosiraceae	Thalassiosira weissflogii
Cyclotella cryptica voucher CCMP332 cytochrome oxi	GQ844251	74.24	91.24	8.97397e-26	Thalassiosirales	Stephanodiscaceae	Cyclotella cryptica
Saccorhiza polyschides cytochrome c oxidase subuni	EU681422	75.41	84.33	8.97397e-26	Thlopteridiales	Phyllariaceae	Saccorhiza polyschides
Sargassum hemiphylum var. chinense cytochrome oxi	KX260144	74.11	90.78	3.13222e-25	Fucales	Sargassaceae	Sargassum hemiphylum var. chinense
Sargassum hemiphylum mitochondrion, complete geno	KM210510	74.11	90.78	3.13222e-25	Fucales	Sargassaceae	Sargassum hemiphylum
Sargassum fusiforme mitochondrion, complete genome	KJ946428	74.11	90.78	3.13222e-25	Fucales	Sargassaceae	Sargassum fusiforme
Uncultured zooplankton clone 24_266 cytochrome c o	KC732420	73.33	94.93	3.13222e-25			zooplankton environmental sample
Hormophysa cuneiformis cytochrome oxidase subunit	JF718404	74.11	90.78	3.13222e-25	Fucales	Sargassaceae	Hormophysa cuneiformis
Sargassum fusiforme haplotype 8 cytochrome oxidase	JX999790	74.11	90.78	3.13222e-25	Fucales	Sargassaceae	Sargassum cuneiformis
Sargassum fusiforme haplotype 7 cytochrome oxidase	JX999789	74.11	90.78	3.13222e-25	Fucales	Sargassaceae	Sargassum fusiforme
Sargassum fusiforme haplotype 2 cytochrome oxidase	JX999788	74.11	90.78	3.13222e-25	Fucales	Sargassaceae	Sargassum fusiforme
Sargassum fusiforme haplotype 5 cytochrome oxidase	JX999785	74.11	90.78	3.13222e-25	Fucales	Sargassaceae	Sargassum fusiforme
Sargassum fusiforme haplotype 4 cytochrome oxidase	JX999783	74.11	90.78	3.13222e-25	Fucales	Sargassaceae	Sargassum fusiforme
Gomphonema parvulum strain TCC734 cytochrome oxida	JQ354725	73.87	91.71	3.13222e-25		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC494 cytochrome oxida	JQ354716	73.87	91.71	3.13222e-25		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC492 cytochrome oxida	JQ354715	73.87	91.71	3.13222e-25		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC482 cytochrome oxida	JQ354714	73.87	91.71	3.13222e-25		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC428 cytochrome oxida	JQ354696	73.87	91.71	3.13222e-25		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC436 cytochrome oxida	JQ354703	73.87	91.71	3.13222e-25		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC434 cytochrome oxida	JQ354702	73.87	91.71	3.13222e-25		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC426 cytochrome oxida	JQ354695	73.87	91.71	3.13222e-25		Gomphonemataceae	Gomphonema parvulum
Amansia glomerata voucher ARS03539 cytochrome c ox	HQ422957	75	89.86	3.13222e-25	Ceramiales	Rhodomelaceae	Amansia glomerata
Amansia glomerata voucher 03091 cytochrome c oxida	HM582895	75	89.86	3.13222e-25	Ceramiales	Rhodomelaceae	Amansia glomerata
Choristocarpus tenellus mitochondrial cox1 gene fo	AB899175	73.74	91.24	1.09325e-24	Sphacelariales	Choristocarpaceae	Choristocarpus tenellus
Chordariaceae sp. 16 AP-2014 mitochondrial partial	LM995297	73.74	91.24	1.09325e-24	Ecotarpales	Chordariaceae	Chordariaceae sp. 16 AP-2014
Chordariaceae sp. 13 AP-2014 mitochondrial partial	LM995226	73.74	91.24	1.09325e-24	Ecotarpales	Chordariaceae	Chordariaceae sp. 13 AP-2014
Microspongium tenuissimum mitochondrial partial CO	LM995205	74.86	84.33	1.09325e-24	Ecotarpales	Chordariaceae	Microspongium tenuissimum
Microspongium tenuissimum mitochondrial partial CO	LM995146	74.86	84.33	1.09325e-24	Ecotarpales	Chordariaceae	Microspongium tenuissimum
Chordariaceae sp. 17 AP-2014 mitochondrial partial	LM995107	73.74	91.24	1.09325e-24	Ecotarpales	Chordariaceae	Chordariaceae sp. 17 AP-2014
Microspongium tenuissimum mitochondrial partial CO	LM995094	74.86	84.33	1.09325e-24	Ecotarpales	Chordariaceae	Microspongium tenuissimum
Microspongium tenuissimum mitochondrial partial CO	LM995080	74.86	84.33	1.09325e-24	Ecotarpales	Chordariaceae	Microspongium tenuissimum
Spermatochnus paradoxus mitochondrial partial COI	LM994990	74.86	84.33	1.09325e-24	Ecotarpales	Chordariaceae	Spermatochnus paradoxus
Laminariocolax eckloniae mitochondrial partial COI	LM994983	74.86	84.33	1.09325e-24	Ecotarpales	Chordariaceae	Laminariocolax eckloniae