

OTU_182;size=3465;.csv

Eunotia sp. EUN392T

Eunotiaceae

Eunotiales

82.99

Eunotia sp. EUN392T cytochrome c oxidase subunit I	EF164960	82.99	89.4	4.96355e-48	Eunotiales	Eunotiaceae	Eunotia sp. EUN392T
Lithodesmium variabile strain 30 cytochrome oxidas	KJ671735	78.79	91.24	2.93372e-38	Lithodesmiales	Lithodesmiaceae	Lithodesmium variabile
Sellaphora pupula voucher RBGE_32_83 cytochrome ox	HQ317104	77.1	98.62	3.574e-37	Naviculales	Sellaphoraceae	Sellaphora pupula
Psammodictyon panduriforme strain L cytochrome oxi	KJ671737	76.89	97.7	4.35402e-36	Bacillariales	Bacillariaceae	Psammodictyon panduriforme
Sellaphora pupula voucher RBGE_SEL212D cytochrome	HQ317092	75.93	99.54	1.85138e-34	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora pupula voucher E3730 cytochrome oxidase	FJ042923	75.93	99.54	1.85138e-34	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora pupula voucher E4215 cytochrome oxidase	FJ147204	75.93	99.54	1.85138e-34	Naviculales	Sellaphoraceae	Sellaphora pupula
Gomphonema parvulum strain TCC734 cytochrome oxida	JQ354725	77	92.17	6.46194e-34	Naviculales	Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC494 cytochrome oxida	JQ354716	77	92.17	6.46194e-34		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC492 cytochrome oxida	JQ354715	77	92.17	6.46194e-34		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC482 cytochrome oxida	JQ354714	77	92.17	6.46194e-34		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC428 cytochrome oxida	JQ354696	77	92.17	6.46194e-34		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC436 cytochrome oxida	JQ354703	77	92.17	6.46194e-34		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC434 cytochrome oxida	JQ354702	77	92.17	6.46194e-34		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC426 cytochrome oxida	JQ354695	77	92.17	6.46194e-34		Gomphonemataceae	Gomphonema parvulum
Sellaphora pupula voucher E4350 cytochrome oxidase	FJ151420	77	92.17	6.46194e-34		Sellaphoraceae	Sellaphora pupula
Chaetoceros socialis voucher CCMP1579 cytochrome o	GQ844249	77.44	89.86	6.46194e-34	Chaetocerotales	Chaetocerotaceae	Chaetoceros socialis
Uncultured zooplankton clone 22_228 cytochrome c o	KC732413	77.32	89.4	2.25544e-33	Naviculales	Sellaphoraceae	zooplankton environmental sample
Sellaphora pupula voucher RBGE_O37 cytochrome oxid	HQ317099	75.58	100	2.25544e-33			Sellaphora pupula
Sellaphora bacillum cytochrome oxidase subunit I (FJ042925	75.7	98.62	2.25544e-33			Sellaphora bacillum
Sellaphora bacillum voucher E3727 cytochrome oxida	FJ042924	75.7	98.62	2.25544e-33			Sellaphora bacillum
Sellaphora bacillum voucher E3640 clone BLA4 cytoc	EF164941	75.7	98.62	2.25544e-33			Sellaphora bacillum
Sellaphora bacillum voucher E3149 clone ST-MAR1 cy	EF164930	75.7	98.62	2.25544e-33			Sellaphora bacillum
Uncultured zooplankton clone 22_123 cytochrome c o	KC732414	76.77	91.24	7.87225e-33			zooplankton environmental sample
Sellaphora blackfordensis strain (Bfp5x8)F1-3 cyto	JN418699	75.59	98.16	7.87225e-33			Sellaphora blackfordensis
Sellaphora pupula voucher RBGE_B155 cytochrome oxi	HQ317095	75.12	100	7.87225e-33			Sellaphora pupula
Nitzschia frustulum culture-collection CCMP:558 cy	HQ317083	75.96	95.85	7.87225e-33			Nitzschia frustulum
Nitzschia cf. promare culture-collection CCMP:1116	HQ317078	76.77	91.24	7.87225e-33	Bacillariales	Bacillariaceae	Nitzschia cf. promare
Hydra circumcincta strain AK13c cytochrome oxidase	GU722856	75.46	99.54	7.87225e-33	Bacillariales	Bacillariaceae	Hydra circumcincta
Sellaphora blackfordensis voucher E2635 cytochrome	FJ042929	75.59	98.16	7.87225e-33	Anthoathecata	Hydridae	Hydra circumcincta
Sellaphora blackfordensis cytochrome oxidase subun	FJ042934	75.59	98.16	7.87225e-33	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora blackfordensis voucher E4358 cytochrome	FJ042933	75.59	98.16	7.87225e-33	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora blackfordensis voucher E4359 cytochrome	FJ042931	75.59	98.16	7.87225e-33	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora blackfordensis voucher E4357 cytochrome	FJ042930	75.59	98.16	7.87225e-33	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora blackfordensis voucher E3980 cytochrome	FJ042928	75.59	98.16	7.87225e-33	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora blackfordensis voucher E4011 cytochrome	FJ042927	75.59	98.16	7.87225e-33	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora blackfordensis voucher E3632 clone DUN5	EF164949	75.59	98.16	7.87225e-33	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora blackfordensis voucher E3266 clone BAL1	EF164935	75.59	98.16	7.87225e-33	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora blackfordensis voucher E4701 clone BLA1	EF164948	75.59	98.16	7.87225e-33	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora cf. seminulum voucher E3168 clone TM37	EF164956	75.46	99.54	7.87225e-33	Naviculales	Sellaphoraceae	Sellaphora cf. seminulum
Nitzschia frustulum mitochondrial cox1 gene for cy	AB020225	75.96	95.85	7.87225e-33	Naviculales	Sellaphoraceae	Nitzschia frustulum
Sellaphora pupula mitochondrial cox1 gene for cyto	AB971667	75.12	100	2.74769e-32	Bacillariales	Bacillariaceae	Sellaphora pupula
Sellaphora laeivissima mitochondrial cox1 gene for	AB971666	75.47	97.7	2.74769e-32	Naviculales	Sellaphoraceae	Sellaphora laeivissima
Eucampia zodiacus strain 34 cytochrome oxidase sub	KJ671731	75.12	100	2.74769e-32	Naviculales	Sellaphoraceae	Eucampia zodiacus
Entoloma clypeatum voucher TRTC150990 cytochrome o	JN029433	76.92	89.86	2.74769e-32	Hemiaulales	Hemiaulaceae	Entoloma clypeatum
Entoloma sp. TRTC150975 cytochrome oxidase subunit	JN029428	76.92	89.86	2.74769e-32	Agaricales	Entolomataceae	Entoloma sp. TRTC150975
Sellaphora pupula voucher RBGE_O60 cytochrome oxid	HQ317103	75.12	100	2.74769e-32	Agaricales	Entolomataceae	Entoloma sp. TRTC150975
Ditylum brightwellii voucher DITMARTIN cytochrome	GQ844256	75.12	100	2.74769e-32	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora pupula voucher E3634 clone BLA14 cytoch	EF164944	75.12	100	2.74769e-32	Lithodesmiales	Lithodesmiaceae	Ditylum brightwellii
Sellaphora pupula voucher E3628 clone THR8 cytochr	EF164950	75.12	100	2.74769e-32	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora laeivissima voucher E3651 clone THR4 cyt	EF164943	75.12	100	2.74769e-32	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora pupula voucher E3384 clone F1 cytochrom	EF164942	75.12	100	2.74769e-32	Naviculales	Sellaphoraceae	Sellaphora laeivissima
Sellaphora laeivissima voucher E3174 clone THR2 cyt	EF164931	75.47	97.7	2.74769e-32	Naviculales	Sellaphoraceae	Sellaphora pupula
Ditylum brightwelli mitochondrial cox1 gene for cy	AB020223	75.12	100	2.74769e-32	Naviculales	Sellaphoraceae	Sellaphora laeivissima
Cylindrotheca closterium strain 10 cytochrome oxid	KJ671730	75	99.54	9.59037e-32	Lithodesmiales	Lithodesmiaceae	Ditylum brightwellii
Uncultured zooplankton clone 22_121 cytochrome c o	KC732401	76.8	89.4	9.59037e-32	Bacillariales	Bacillariaceae	Cylindrotheca closterium
Mayamaea permitis clone TCC540 cytochrome oxidase	KC736646	75.69	100	9.59037e-32	Naviculales	Naviculaceae	zooplankton environmental sample
Rossia sp. CH2 mitochondrial cox1 gene for cytochr	AB618070	75	99.54	9.59037e-32			Mayamaea permitis
Thalassiosira sp. A11 LG-2014 cytochrome oxidase s	KJ671754	76.26	91.24	3.34737e-31			Rossia sp. CH2
Thalassionema nitzschoides strain 5 cytochrome ox	KJ671748	77.57	83.41	3.34737e-31			Thalassiosira sp. A11 LG-2014
Synedra sp. 26 LG-2014 cytochrome oxidase subunit	KJ671747	77.3	85.25	3.34737e-31			Thalassionema nitzschoides
Uncultured zooplankton clone 10_114 cytochrome c o	KC732415	78.29	80.65	3.34737e-31			Synedra sp. 26 LG-2014
Haslea crucigera mitochondrial partial COI gene fo	HF563534	76.41	89.86	3.34737e-31			zooplankton environmental sample
Pinnularia neglectiformis strain Pin 706 F cytochr	JN418696	75.12	98.16	3.34737e-31			Haslea crucigera
Pluteus cervinus voucher MD_JS06_10 cytochrome oxi	JN029489	76.41	89.86	3.34737e-31			Pinnularia neglectiformis
Pluteus cervinus voucher TRTC156866 cytochrome oxi	JN029484	76.41	89.86	3.34737e-31			Pluteus cervinus
Sellaphora blackfordensis voucher E4271 cytochrome	FJ042937	75.12	98.16	3.34737e-31	Agaricales	Pluteaceae	Pluteus cervinus
Sellaphora blackfordensis voucher E4291 cytochrome	FJ042935	75.12	98.16	3.34737e-31	Agaricales	Pluteaceae	Pluteus cervinus
Sellaphora blackfordensis voucher E673R cytochrome	FJ042932	75.12	98.16	3.34737e-31	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora pupula clone BLA16 cytochrome c oxidase	EF164951	76	92.17	3.34737e-31	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Hydra circumcincta cytochrome oxidase subunit I (C	EF059938	76.26	91.24	3.34737e-31	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Cyclotella sp. MBTD-CMFRI-S084 cytochrome oxidase	KM202118	76.72	87.1	1.16835e-30	Naviculales	Sellaphoraceae	Sellaphora pupula
Uncultured zooplankton clone 22_74 cytochrome c ox	KC732406	76.29	89.4	1.16835e-30	Naviculales	Sellaphoraceae	Sellaphora pupula
Dimeregramma acutum voucher Van5.3 cytochrome oxid	KF768027	75.88	91.71	1.16835e-30	Anthoathecata	Hydridae	Hydra circumcincta
Pinnularia acrosphaeria clone TCC472 cytochrome ox	KC736652	75.23	100	1.16835e-30	Thalassiosirales	Stephanodiscaceae	Cyclotella sp. MBTD-CMFRI-S084
Pinnularia sp. 9 CS-2011 cytochrome c oxidase subu	JN418688	74.65	100	1.16835e-30	Triceratales	Plagiogrammeaceae	zooplankton environmental sample
Sellaphora pupula voucher RBGE_O68 cytochrome oxid	HQ317102	74.65	100	1.16835e-30			Dimeregramma acutum
Sellaphora sp. KME-2009a voucher E3778 cytochrome	GQ374576	74.65	100	1.16835e-30			Pinnularia acrosphaeria
Sellaphora sp. KME-2009a voucher E4329 cytochrome	GQ374573	74.65	100	1.16835e-30			Pinnularia sp. 9 CS-2011
Sellaphora sp. KME-2009a voucher E4362 cytochrome	GQ374574	74.65	100	1.16835e-30			Sellaphora pupula
Ditylum brightwellii voucher KMWELL11E cytochrome	GQ844259	74.65	100	1.16835e-30			Sellaphora sp. KME-2009a
Ditylum brightwellii voucher MARBOT04 cytochrome o	GQ844258	74.65	100	1.16835e-30			Sellaphora sp. KME-2009a
Cyclotella cryptica voucher CCMP332 cytochrome oxi	GQ844251	75.49	94.01	1.16835e-30			Sellaphora sp. KME-2009a
Sellaphora pupula voucher E3024 clone RBG1 cytochr	EF164957	74.65	100	1.16835e-30			Ditylum brightwellii
Sellaphora pupula voucher E3325 clone GER1 cytochr	EF164955	74.65	100	1.16835e-30			Ditylum brightwellii
Nitzschia palea isolate TCC480 cytochrome oxidase	KJ542438	75.76	91.24	4.07793e-30	Lithodesmiales	Lithodesmiaceae	Cyclotella cryptica
Gomphonema parvulum strain TCC466 cytochrome oxida	JQ354708	74.54	99.54	4.07793e-30	Naviculales	Sellaphoraceae	Sellaphora pupula
Gomphonema parvulum strain TCC465 cytochrome oxida	JQ354707	74.54	99.54	4.07793e-30	Naviculales	Sellaphoraceae	Sellaphora pupula
Gomphonema parvulum strain TCC464 cytochrome oxida	JQ354706	74.54	99.54	4.07793e-30	Bacillariales	Bacillariaceae	Nitzschia palea
Gomphonema parvulum strain TCC463 cytochrome oxida	JQ354705	74.54	99.54	4.07793e-30	Anthoathecata	Hydridae	Hydra circumcincta
Gomphonema parvulum strain TCC433 cytochrome oxida	JQ354701	74.54	99.54	4.07793e-30	Thalassiosirales	Thalassiosiraceae	Thalassiosira weissflogii
Gomphonema parvulum strain TCC432 cytochrome oxida	JQ354700	74.54	99.54	4.07793e-30	Thalassiosirales	Stephanodiscaceae	Cyclotella sp. MBTD-CMFRI-S080
Gomphonema parvulum strain TCC430 cytochrome oxida	JQ354698	74.54	99.54	4.07793e-30	Thalassiosirales	Stephanodiscaceae	Cyclotella sp. MBTD-CMFRI-S079
Sellaphora pupula voucher RBGE_28_6 cytochrome oxi	HQ317101	74.65	98.16	4.07793e-30	Thalassiosirales	Stephanodiscaceae	Cyclotella sp. MBTD-CMFRI-S044
Nitzschia palea strain C20 cytochrome oxidase subu	HQ432896	75.76	91.24	4.07793e-30	Naviculales	Sellaphoraceae	Sellaphora pupula
Hydra circumcincta strain ESP01a cytochrome oxidas	GU722852	75.76	91.24	4.07793e-30			Nitzschia palea
Thalassiosira weissflogii voucher IK_MTA80 cytochr	GQ844277	75.76	91.24	4.07793e-30			Hydra circumcincta
Cyclotella sp. MBTD-CMFRI-S080 cytochrome oxidase	KM202117	74.19	100	1.42334e-29			Thalassiosira weissflogii
Cyclotella sp. MBTD-CMFRI-S079 cytochrome oxidase	KM202116	74.19	100	1.42334e-29	Thalassiosirales	Stephanodiscaceae	Cyclotella sp. MBTD-CMFRI-S080
Cyclotella sp. MBTD-CMFRI-S044 cytochrome oxidase	KM202113	74.19	100	1.42334e-29			Cyclotella sp. MBTD-CMFRI-S079