

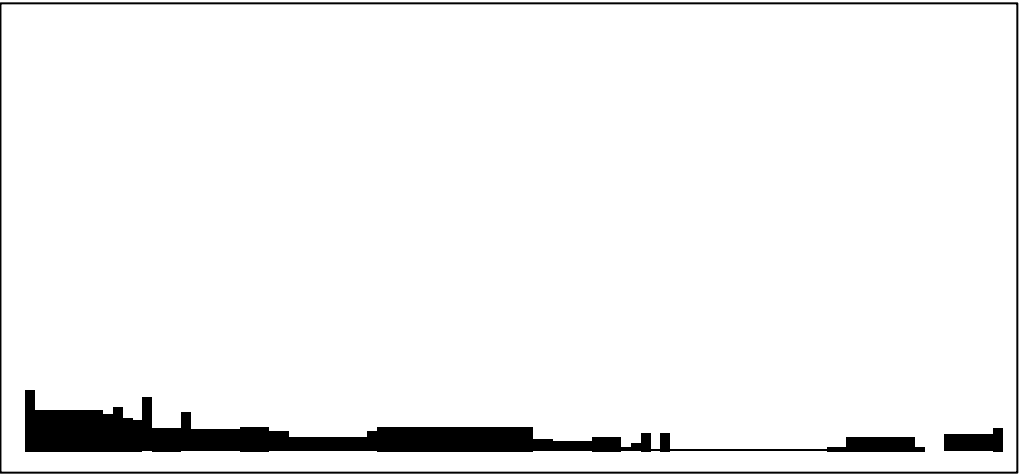
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Sellaphora pupula

Sellaphoraceae

Naviculales

82.87



Sellaphora pupula voucher RBGE_SEL793Tm cytochrome	HQ317109	82.87	99.54	1.51836e-54	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora pupula clone BolinA10 cytochrome oxidas	KC911836	81.94	99.54	7.8653e-52	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora pupula clone Sel627K cytochrome oxidase	KC911835	81.94	99.54	7.8653e-52	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora pupula clone Sel620K cytochrome oxidase	KC911834	81.94	99.54	7.8653e-52	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora pupula clone BolinA4 cytochrome oxidase	KC911833	81.94	99.54	7.8653e-52	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora pupula clone BolinA2 cytochrome oxidase	KC911832	81.94	99.54	7.8653e-52	Naviculales	Sellaphoraceae	Sellaphora pupula
Pinnularia subanglica strain Pin 650 K cytochrome	JN418698	81.94	99.54	7.8653e-52	Naviculales	Pinnulariaceae	Pinnularia subanglica
Sellaphora pupula voucher RBGE_SEL642K cytochrome	HQ317107	81.94	99.54	7.8653e-52	Naviculales	Sellaphoraceae	Sellaphora pupula
Pinnularia acrosphaeria clone TCC472 cytochrome ox	KC736652	81.74	99.54	2.74526e-51	Naviculales	Pinnulariaceae	Pinnularia acrosphaeria
Sellaphora pupula voucher UTEX_LB FD112 cytochrome	HQ317098	82.08	97.7	2.74526e-51	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora pupula voucher RBGE_Pd131 cytochrome ox	HQ317097	81.57	100	2.74526e-51	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora pupula voucher RBGE_BB92 cytochrome oxi	HQ317093	81.48	99.54	9.5819e-51	Naviculales	Sellaphoraceae	Sellaphora pupula
Pinnularia cf. isselana strain Cal 878 TM cytochro	JN418694	82.52	93.55	3.34441e-50	Naviculales	Pinnulariaceae	Pinnularia cf. isselana
Gomphonema parvulum strain TCC610 cytochrome oxida	JQ354721	81.11	100	1.16731e-49		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC592 cytochrome oxida	JQ354719	81.11	100	1.16731e-49		Gomphonemataceae	Gomphonema parvulum
Pinnularia sp. 10 CS-2011 cytochrome c oxidase sub	JN418692	81.11	100	1.16731e-49	Naviculales	Pinnulariaceae	Pinnularia sp. 10 CS-2011
Sellaphora pupula voucher E3365 clone THR7 cytochr	EF164937	81.82	96.31	1.16731e-49	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora pupula mitochondrial cox1 gene for cyto	AB971667	81.02	99.54	4.07433e-49	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora sp. E4391 cytochrome oxidase subunit 1	HQ317089	81.02	99.54	4.07433e-49	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora sp. E4391 cytochrome oxidase subunit I	FJ042926	81.02	99.54	4.07433e-49	Naviculales	Sellaphoraceae	Sellaphora caput
Sellaphora sp. E4391 cytochrome oxidase subunit I	FJ151419	81.02	99.54	4.07433e-49	Naviculales	Sellaphoraceae	Sellaphora caput
Sellaphora pupula voucher E3384 clone F1 cytochrom	EF164942	81.02	99.54	4.07433e-49	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora capitata strain W2_210 cytochrome c oxi	KT288177	81.13	97.7	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora capitata strain W3_211 cytochrome c oxi	KT288171	81.13	97.7	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora capitata strain FIN_240 cytochrome c ox	KT288158	81.13	97.7	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora pupula clone LE D35 cytochrome oxidase	KC911838	80.93	99.08	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora pupula clone LE J9 cytochrome oxidase s	KC911837	80.93	99.08	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora pupula
Gomphonema parvulum strain TCC734 cytochrome oxida	JQ354725	80.65	100	1.42208e-48		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC494 cytochrome oxida	JQ354716	80.65	100	1.42208e-48		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC492 cytochrome oxida	JQ354715	80.65	100	1.42208e-48		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC482 cytochrome oxida	JQ354714	80.65	100	1.42208e-48		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC428 cytochrome oxida	JQ354696	80.65	100	1.42208e-48		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC436 cytochrome oxida	JQ354703	80.65	100	1.42208e-48		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC434 cytochrome oxida	JQ354702	80.65	100	1.42208e-48		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC426 cytochrome oxida	JQ354695	80.65	100	1.42208e-48		Gomphonemataceae	Gomphonema parvulum
Sellaphora pupula voucher RBGE_28_28 cytochrome ox	HQ317105	80.93	99.08	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora capitata voucher E4364 cytochrome oxida	FJ042922	81.13	97.7	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora capitata voucher E4363 cytochrome oxida	FJ042921	81.13	97.7	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora capitata isolate DUN9 cytochrome oxidas	FJ042902	81.13	97.7	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora capitata isolate MER10 cytochrome oxida	FJ042919	81.13	97.7	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora capitata isolate MER23 cytochrome oxida	FJ042918	81.13	97.7	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora capitata isolate MER33 cytochrome oxida	FJ042917	81.13	97.7	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora capitata isolate MAL11 cytochrome oxida	FJ042916	81.13	97.7	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora capitata isolate MAL7 cytochrome oxidas	FJ042915	81.13	97.7	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora capitata isolate MAL1 cytochrome oxidas	FJ042914	81.13	97.7	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora capitata isolate MER25 cytochrome oxida	FJ042913	81.13	97.7	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora capitata isolate MER16 cytochrome oxida	FJ042912	81.13	97.7	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora capitata isolate DUN10 cytochrome oxida	FJ042911	81.13	97.7	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora capitata isolate PUR9 cytochrome oxidas	FJ042910	81.13	97.7	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora capitata isolate LEV1 cytochrome oxidas	FJ042904	81.13	97.7	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora capitata isolate MER27 cytochrome oxida	FJ042903	81.13	97.7	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora capitata voucher E3608 clone BLA18 cyto	EF164947	81.13	97.7	1.42208e-48	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora pupula voucher E3623 clone AUS1 cytochr	EF164959	80.56	99.54	4.96355e-48	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora pupula voucher E3620 clone BEL2 cytochr	EF164933	80.56	99.54	4.96355e-48	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora bacillum cytochrome oxidase subunit I (	FJ042925	80.47	99.08	1.73245e-47	Naviculales	Sellaphoraceae	Sellaphora bacillum
Sellaphora bacillum voucher E3727 cytochrome oxida	FJ042924	80.47	99.08	1.73245e-47	Naviculales	Sellaphoraceae	Sellaphora bacillum
Sellaphora bacillum voucher E3640 clone BLA4 cytoc	EF164941	80.47	99.08	1.73245e-47	Naviculales	Sellaphoraceae	Sellaphora bacillum
Sellaphora bacillum voucher E3149 clone ST-MAR1 cy	EF164930	80.47	99.08	1.73245e-47	Naviculales	Sellaphoraceae	Sellaphora bacillum
Sellaphora capitata strain W1m_1A10 cytochrome c o	KT288173	80.66	97.7	6.04684e-47	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora capitata strain DES_77 cytochrome c oxi	KT288169	80.66	97.7	6.04684e-47	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora capitata strain KIL2m_4A1 cytochrome c	KT288163	80.66	97.7	6.04684e-47	Naviculales	Sellaphoraceae	Sellaphora capitata
Frustulia vulgaris mitochondrial partial COI gene	HF562256	80.18	100	6.04684e-47	Naviculales	Amphipleuraceae	Frustulia vulgaris
Pinnularia acrosphaeria strain (Enc2)b cytochrome	JN418701	80.37	99.54	6.04684e-47	Naviculales	Pinnulariaceae	Pinnularia acrosphaeria
Sellaphora pupula voucher RBGE_B161 cytochrome oxi	HQ317091	80.86	96.31	6.04684e-47	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora lanceolata voucher E3635 clone BLA12 cy	EF164953	80.09	99.54	6.04684e-47	Naviculales	Sellaphoraceae	Sellaphora lanceolata
Sellaphora pupula voucher E3466 clone AUS4 cytochr	EF164934	80.86	96.31	6.04684e-47	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora blackfordensis strain (Bfp5x8)F1-3 cyto	JN418699	80.09	99.54	2.11055e-46	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora blackfordensis voucher E4271 cytochrome	FJ042937	80.09	99.54	2.11055e-46	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora blackfordensis voucher E2635 cytochrome	FJ042929	80.09	99.54	2.11055e-46	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora blackfordensis voucher E4291 cytochrome	FJ042935	80.09	99.54	2.11055e-46	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora blackfordensis cytochrome oxidase subun	FJ042934	80.09	99.54	2.11055e-46	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora blackfordensis voucher E4358 cytochrome	FJ042933	80.09	99.54	2.11055e-46	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora blackfordensis voucher E673R cytochrome	FJ042932	80.09	99.54	2.11055e-46	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora blackfordensis voucher E4359 cytochrome	FJ042931	80.09	99.54	2.11055e-46	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora blackfordensis voucher E4357 cytochrome	FJ042930	80.09	99.54	2.11055e-46	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora blackfordensis voucher E3980 cytochrome	FJ042928	80.09	99.54	2.11055e-46	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora blackfordensis voucher E4011 cytochrome	FJ042927	80.09	99.54	2.11055e-46	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora blackfordensis voucher E3632 clone DUN5	EF164949	80.09	99.54	2.11055e-46	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora blackfordensis voucher E3266 clone BAL1	EF164935	80.09	99.54	2.11055e-46	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora blackfordensis voucher E4701 clone BLA1	EF164948	80.09	99.54	2.11055e-46	Naviculales	Sellaphoraceae	Sellaphora blackfordensis
Sellaphora pupula clone BLA16 cytochrome c oxidase	EF164951	80.09	99.54	2.11055e-46	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora pupula voucher E3020 clone RBG2 cytochr	EF164928	80.09	99.54	2.11055e-46	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora capitata strain DES_15 cytochrome c oxi	KT288168	80.19	97.7	7.36656e-46	Naviculales	Sellaphoraceae	Sellaphora capitata
Sellaphora capitata strain DES_2 cytochrome c oxid	KT288167	80.19	97.7	7.36656e-46	Naviculales	Sellaphoraceae	Sellaphora capitata
Gomphonema parvulum strain TCC466 cytochrome oxida	JQ354708	80.68	95.39	7.36656e-46		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC465 cytochrome oxida	JQ354707	80.68	95.39	7.36656e-46		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC464 cytochrome oxida	JQ354706	80.68	95.39	7.36656e-46		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC463 cytochrome oxida	JQ354705	80.68	95.39	7.36656e-46		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC433 cytochrome oxida	JQ354701	80.68	95.39	7.36656e-46		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC432 cytochrome oxida	JQ354700	80.68	95.39	7.36656e-46		Gomphonemataceae	Gomphonema parvulum
Gomphonema parvulum strain TCC430 cytochrome oxida	JQ354698	80.68	95.39	7.36656e-46		Gomphonemataceae	Gomphonema parvulum
Sellaphora pupula voucher E3634 clone BLA14 cytoch	EF164944	80.19	97.7	7.36656e-46	Naviculales	Sellaphoraceae	Sellaphora pupula
Pinnularia subcommutata var. nonfasciata strain Co	JN418686	79.63	99.54	2.57118e-45	Naviculales	Pinnulariaceae	Pinnularia subcommutata var. nonfasciata
Sellaphora obesa voucher RBGE_SEL601As cytochrome	HQ317090	79.63	99.54	2.57118e-45	Naviculales	Sellaphoraceae	Sellaphora obesa
Sellaphora pupula clone Sel618K cytochrome oxidase	KC911828	80.79	93.55	8.9743e-45	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora pupula clone Sel629K cytochrome oxidase	KC911824	80.79	93.55	8.9743e-45	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora pupula clone KewA3 cytochrome oxidase s	KC911823	80.79	93.55	8.9743e-45	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora pupula clone Sel630K cytochrome oxidase	KC911822	80.79	93.55	8.9743e-45	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora pupula clone Sel624K cytochrome oxidase	KC911821	80.79	93.55	8.9743e-45	Naviculales	Sellaphoraceae	Sellaphora pupula
Pinnularia cf. microstauron strain (B2)c cytochrom	JN418675	81.09	92.63	8.9743e-45	Naviculales	Pinnulariaceae	Pinnularia cf. microstauron