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Pseudo-nitzschia brasiliانا

Bacillariaceae

Bacillariales

78.5

Pseudo-nitzschia brasiliانا strain PnPd35 cytochro	KR871386	78.5	98.62	1.6211e-41	Bacillariales	Bacillariaceae	Pseudo-nitzschia brasiliانا
Pseudo-nitzschia brasiliانا strain PnPd34 cytochro	KR871385	78.5	98.62	1.6211e-41	Bacillariales	Bacillariaceae	Pseudo-nitzschia brasiliانا
Synedra sp. 26 LG-2014 cytochrome oxidase subunit	KJ671747	79.8	91.24	5.65819e-41	Fragilariales	Fragilariaceae	Synedra sp. 26 LG-2014
Pseudo-nitzschia brasiliانا strain PnSm07 cytochro	KR871388	78.57	96.77	1.9749e-40	Bacillariales	Bacillariaceae	Pseudo-nitzschia brasiliانا
Frustulia vulgaris mitochondrial partial COI gene	HF562256	78.3	97.7	1.9749e-40	Naviculales	Amphipleuraceae	Frustulia vulgaris
Cyclotella sp. MBTD-CMFRI-S084 cytochrome oxidase	KM202118	80.42	87.1	6.89309e-40	Thalassiosirales	Stephanodiscaceae	Cyclotella sp. MBTD-CMFRI-S084
Skeletonema marinoi mitochondrial coxI gene for cy	AB706239	78.47	96.31	6.89309e-40	Thalassiosirales	Skeletonemataceae	Skeletonema marinoi
Skeletonema costatum mitochondrial coxI gene for c	AB020227	78.47	96.31	6.89309e-40	Thalassiosirales	Skeletonemataceae	Skeletonema costatum
Skeletonema marinoi strain 17 cytochrome oxidase s	KJ671741	77.99	96.31	8.3975e-39	Thalassiosirales	Skeletonemataceae	Skeletonema marinoi
Bacillaria paxillifer strain 6 cytochrome oxidase	KJ671724	77.99	96.31	8.3975e-39	Bacillariales	Bacillariaceae	Bacillaria paxillifer
Skeletonema dohrnii mitochondrial coxI gene for cy	AB706224	77.99	96.31	8.3975e-39	Thalassiosirales	Skeletonemataceae	Skeletonema dohrnii
Skeletonema dohrnii mitochondrial coxI gene for cy	AB706220	77.99	96.31	8.3975e-39	Thalassiosirales	Skeletonemataceae	Skeletonema dohrnii
Nitzschia acidoclinata clone TCC543 cytochrome oxi	KC736648	78.89	91.71	1.02303e-37	Bacillariales	Bacillariaceae	Nitzschia acidoclinata
Nitzschia acidoclinata clone TCC537 cytochrome oxi	KC736647	78.89	91.71	1.02303e-37	Bacillariales	Bacillariaceae	Nitzschia acidoclinata
Nitzschia cf. fonticola 2 RT-2009 mitochondrial pa	FN557061	78.89	91.71	1.02303e-37	Bacillariales	Bacillariaceae	Nitzschia cf. fonticola 2 RT-2009
Nitzschia cf. fonticola 1 RT-2009 mitochondrial pa	FN557060	78.89	91.71	1.02303e-37	Bacillariales	Bacillariaceae	Nitzschia cf. fonticola 1 RT-2009
Skeletonema marinoi voucher 06.JK029.Smar.mt mitoc	KT874463	77.51	96.31	3.57071e-37	Thalassiosirales	Skeletonemataceae	Skeletonema marinoi
Skeletonema marinoi strain 31 cytochrome oxidase s	KJ671744	77.51	96.31	3.57071e-37	Thalassiosirales	Skeletonemataceae	Skeletonema marinoi
Skeletonema marinoi strain 22 cytochrome oxidase s	KJ671743	77.51	96.31	3.57071e-37	Thalassiosirales	Skeletonemataceae	Skeletonema marinoi
Skeletonema marinoi strain 18 cytochrome oxidase s	KJ671742	77.51	96.31	3.57071e-37	Thalassiosirales	Skeletonemataceae	Skeletonema marinoi
Skeletonema menzellii mitochondrial coxI gene for	AB948162	77.51	96.31	3.57071e-37	Thalassiosirales	Skeletonemataceae	Skeletonema menzellii
Skeletonema dohrnii mitochondrial coxI gene for cy	AB948152	77.51	96.31	3.57071e-37	Thalassiosirales	Skeletonemataceae	Skeletonema dohrnii
Skeletonema dohrnii mitochondrial coxI gene for cy	AB706228	77.51	96.31	3.57071e-37	Thalassiosirales	Skeletonemataceae	Skeletonema dohrnii
Skeletonema dohrnii mitochondrial coxI gene for cy	AB706222	77.51	96.31	3.57071e-37	Thalassiosirales	Skeletonemataceae	Skeletonema dohrnii
Skeletonema dohrnii mitochondrial coxI gene for cy	AB706225	77.51	96.31	3.57071e-37	Thalassiosirales	Skeletonemataceae	Skeletonema dohrnii
Skeletonema dohrnii mitochondrial coxI gene for cy	AB706223	77.51	96.31	3.57071e-37	Thalassiosirales	Skeletonemataceae	Skeletonema dohrnii
Skeletonema dohrnii mitochondrial coxI gene for cy	AB706221	77.51	96.31	3.57071e-37	Thalassiosirales	Skeletonemataceae	Skeletonema dohrnii
Nitzschia longissima strain 33 cytochrome oxidase	KJ671736	78.46	89.86	1.2463e-36	Bacillariales	Bacillariaceae	Nitzschia longissima
Nitzschia palea mitochondrial partial cox1 gene fo	FN557059	76.74	99.08	1.2463e-36	Bacillariales	Bacillariaceae	Nitzschia palea
Skeletonema ardens strain MBTD-CMFRI-S049 cytochro	KM202114	77.72	93.09	4.35001e-36	Thalassiosirales	Skeletonemataceae	Skeletonema ardens
Bacillariophyta sp. MBTD-CMFRI-S039 cytochrome oxi	KM202112	76.89	97.7	4.35001e-36	Bacillariales	Bacillariaceae	Bacillariophyta sp. MBTD-CMFRI-S039
Skeletonema tropicum strain 20 cytochrome oxidase	KJ671745	78.84	87.1	4.35001e-36	Thalassiosirales	Skeletonemataceae	Skeletonema tropicum
Nitzschia inconspicua clone TCC481 cytochrome oxid	KC736649	76.89	97.7	4.35001e-36	Bacillariales	Bacillariaceae	Nitzschia inconspicua
Endosymbiont of Durinskia baltica mitochondrion, p	JN378735	78.17	90.78	4.35001e-36	Naviculales	Naviculaceae	endosymbiont of Durinskia baltica
Mayamaea atomus var. permitis strain (Wes2)f cytoc	JN418700	77.72	93.09	4.35001e-36	Bacillariales	Bacillariaceae	Mayamaea permitis
Nitzschia palea mitochondrial partial cox1 gene fo	FN557063	78.17	90.78	4.35001e-36	Bacillariales	Bacillariaceae	Nitzschia palea
Nitzschia cf. recta RT-2009 mitochondrial partial	FN557062	76.64	98.62	4.35001e-36	Bacillariales	Bacillariaceae	Nitzschia cf. recta RT-2009
Nitzschia palea mitochondrial partial cox1 gene fo	FN557056	78.17	90.78	4.35001e-36	Bacillariales	Bacillariaceae	Nitzschia palea
Durinskia baltica cytochrome c oxidase subunit 1 (EF434609	78.17	90.78	4.35001e-36	Peridinales	Peridiniaceae	Durinskia baltica
Sellaphora cf. minima voucher E3211 clone BM42 cyt	EF164929	76.89	97.7	4.35001e-36	Naviculales	Sellaphoraceae	Sellaphora cf. minima
Uncultured zooplankton clone 22_228 cytochrome c o	KC732413	76.53	98.16	1.5183e-35			zooplankton environmental sample
Uncultured zooplankton clone 22_74 cytochrome c ox	KC732406	76.53	98.16	1.5183e-35			zooplankton environmental sample
Mayamaea permitis clone TCC540 cytochrome oxidase	KC736646	76.53	98.16	1.5183e-35			Mayamaea permitis
Uncultured Jiaozhou Bay zooplankton clone JC5 cyto	HQ848889	77.21	97.7	1.5183e-35			uncultured Jiaozhou Bay zooplankton
Invertebrate environmental sample clone B05 cytoch	GU070933	76.53	98.16	1.5183e-35			invertebrate environmental sample
Thalassionema nitzschioides mitochondrial coxI gen	AB020228	76.53	98.16	1.5183e-35	Thalassionemales	Thalassionemataceae	Thalassionema nitzschioides
Uncultured zooplankton clone 22_123 cytochrome c o	KC732414	76.28	99.08	5.2994e-35			zooplankton environmental sample
Dimeregramma acutum voucher Van5.3 cytochrome oxid	KF768027	76.81	95.39	5.2994e-35	Triceratales	Plagiogrammaceae	Dimeregramma acutum
Skeletonema ardens mitochondrial coxI gene for cyt	AB706216	77.23	93.09	5.2994e-35	Thalassiosirales	Skeletonemataceae	Skeletonema ardens
Skeletonema ardens mitochondrial coxI gene for cyt	AB706215	77.23	93.09	5.2994e-35	Thalassiosirales	Skeletonemataceae	Skeletonema ardens
Pseudo-nitzschia pungens strain PnKL16 cytochrome	KR871383	76.17	98.62	1.84967e-34	Bacillariales	Bacillariaceae	Pseudo-nitzschia pungens
Chaetoceros sp. MBTD-CMFRI-S045 cytochrome oxidase	KM202109	76.7	94.93	1.84967e-34	Chaetocerotales	Chaetocerotaceae	Chaetoceros sp. MBTD-CMFRI-S045
Thalassiosira nordenskioldii strain 21 cytochrome	KJ671750	75.93	99.54	1.84967e-34	Thalassiosirales	Thalassiosiraceae	Thalassiosira nordenskioldii
Skeletonema tropicum mitochondrial coxI gene for c	AB948168	78.31	87.1	1.84967e-34	Thalassiosirales	Skeletonemataceae	Skeletonema tropicum
Skeletonema tropicum mitochondrial coxI gene for c	AB706251	78.31	87.1	1.84967e-34	Thalassiosirales	Skeletonemataceae	Skeletonema tropicum
Skeletonema pseudocostatum mitochondrial coxI gene	AB706245	78.31	87.1	1.84967e-34	Thalassiosirales	Skeletonemataceae	Skeletonema pseudocostatum
Skeletonema menzellii mitochondrial coxI gene for	AB706242	76.56	96.31	1.84967e-34	Thalassiosirales	Skeletonemataceae	Skeletonema menzellii
Pseudo-nitzschia lundholmiae strain PnTb38 cytochr	KR871394	76.06	98.16	6.45599e-34	Bacillariales	Bacillariaceae	Pseudo-nitzschia lundholmiae
Pseudo-nitzschia lundholmiae strain PnTb29 cytochr	KR871393	76.06	98.16	6.45599e-34	Bacillariales	Bacillariaceae	Pseudo-nitzschia lundholmiae
Pseudo-nitzschia lundholmiae strain PnTb28 cytochr	KR871392	76.06	98.16	6.45599e-34	Bacillariales	Bacillariaceae	Pseudo-nitzschia lundholmiae
Eucampia zodiacus strain 34 cytochrome oxidase sub	KJ671731	76.06	98.16	6.45599e-34	Hemiaulales	Hemiaulaceae	Eucampia zodiacus
Uncultured zooplankton clone 22_121 cytochrome c o	KC732401	76.06	98.16	6.45599e-34			zooplankton environmental sample
Pseudo-nitzschia hasleana strain NWFSC 252 cytochr	JN050311	76.06	98.16	6.45599e-34	Bacillariales	Bacillariaceae	Pseudo-nitzschia hasleana
Nitzschia palea mitochondrial partial cox1 gene fo	FN557053	75.81	99.08	6.45599e-34	Bacillariales	Bacillariaceae	Nitzschia palea
Pseudo-nitzschia abrensis strain Ner-J3 cytochrome	KP101082	77.32	89.4	2.25336e-33	Bacillariales	Bacillariaceae	Pseudo-nitzschia abrensis
Pseudo-nitzschia abrensis strain Ner-J2 cytochrome	KP101081	77.32	89.4	2.25336e-33	Bacillariales	Bacillariaceae	Pseudo-nitzschia abrensis
Pseudo-nitzschia pungens strain PnSb63 cytochrome	KR871387	75.7	98.62	2.25336e-33	Bacillariales	Bacillariaceae	Pseudo-nitzschia pungens
Nitzschia palea isolate TCC623 cytochrome oxidase	KJ542449	75.94	97.7	2.25336e-33	Bacillariales	Bacillariaceae	Nitzschia palea
Nitzschia palea isolate TCC427 cytochrome oxidase	KJ542446	77.32	89.4	2.25336e-33	Bacillariales	Bacillariaceae	Nitzschia palea
Nitzschia palea isolate TCC456 cytochrome oxidase	KJ542443	77.32	89.4	2.25336e-33	Bacillariales	Bacillariaceae	Nitzschia palea
Haslea karadagensis mitochondrial partial COI gene	HF563530	76.88	91.71	2.25336e-33	Naviculales	Naviculaceae	Haslea karadagensis
Haslea karadagensis mitochondrial partial COI gene	HF563529	76.88	91.71	2.25336e-33	Naviculales	Naviculaceae	Haslea karadagensis
Nitzschia palea clone TCC435 cytochrome oxidase su	KC736650	77.32	89.4	2.25336e-33	Bacillariales	Bacillariaceae	Nitzschia palea
Pseudo-nitzschia cuspidata strain NWFSC 194 cytoch	JN050306	76.39	99.08	2.25336e-33	Bacillariales	Bacillariaceae	Pseudo-nitzschia cuspidata
Skeletonema tropicum mitochondrial coxI gene for c	AB706250	77.78	87.1	2.25336e-33	Thalassiosirales	Skeletonemataceae	Skeletonema tropicum
Sellaphora pupula voucher RBGE_SEL212D cytochrome	HQ317092	76.04	99.08	2.25336e-33	Naviculales	Sellaphoraceae	Sellaphora pupula
Nitzschia sp. CCMP1532 cytochrome oxidase subunit	HQ317085	75.94	97.7	2.25336e-33	Bacillariales	Bacillariaceae	Nitzschia sp. BOLD:AAO7110
Nitzschia palea mitochondrial partial cox1 gene fo	FN557042	76.08	96.31	2.25336e-33	Bacillariales	Bacillariaceae	Nitzschia palea
Nitzschia palea mitochondrial partial cox1 gene fo	FN557052	77.16	90.78	2.25336e-33	Bacillariales	Bacillariaceae	Nitzschia palea
Sellaphora pupula voucher E3730 cytochrome oxidase	FJ042923	76.04	99.08	2.25336e-33	Naviculales	Sellaphoraceae	Sellaphora pupula
Sellaphora pupula voucher E4215 cytochrome oxidase	FJ147204	76.04	99.08	2.25336e-33	Naviculales	Sellaphoraceae	Sellaphora pupula
Cylindrotheca closterium voucher CCMP1725 cytochro	GQ844252	77.66	89.86	2.25336e-33	Bacillariales	Bacillariaceae	Cylindrotheca closterium
Perophora sagamiensis COI for cytochrome c oxidase	AB104869	77.32	89.4	2.25336e-33	Enterogona	Perophoridae	Perophora sagamiensis
Cylindrotheca closterium mitochondrial coxI gene f	AB020222	77.66	89.86	2.25336e-33	Bacillariales	Bacillariaceae	Cylindrotheca closterium
Pseudo-nitzschia plurisecta strain Ner-J6 cytochro	KP101080	75.59	98.16	7.86501e-33	Bacillariales	Bacillariaceae	Pseudo-nitzschia plurisecta
Pseudo-nitzschia plurisecta strain Ner-F1 cytochro	KP101079	75.59	98.16	7.86501e-33	Bacillariales	Bacillariaceae	Pseudo-nitzschia plurisecta
Pseudo-nitzschia plurisecta strain Ner-A1 cytochro	KP101078	75.59	98.16	7.86501e-33	Bacillariales	Bacillariaceae	Pseudo-nitzschia plurisecta
Uncultured zooplankton clone 10_114 cytochrome c o	KC732415	77.04	90.32	7.86501e-33			zooplankton environmental sample
Pseudo-nitzschia cuspidata strain Sydney1 cytochro	JN050307	75.59	98.16	7.86501e-33	Bacillariales	Bacillariaceae	Pseudo-nitzschia cuspidata
Invertebrate environmental sample clone H02 cytoch	GU070935	75.96	95.85	7.86501e-33			invertebrate environmental sample
Invertebrate environmental sample clone G03 cytoch	GU070934	75.96	95.85	7.86501e-33			invertebrate environmental sample
Sellaphora pupula voucher E4350 cytochrome oxidase	FJ151420	77.11	91.71	7.86501e-33	Naviculales	Sellaphoraceae	Sellaphora pupula
Grammonema striatula voucher FSIII420106 cytochro	GQ844261	75.59	98.16	7.86501e-33	Fragilariales	Fragilariaceae	Grammonema striatula
Ditylum brightwellii voucher KMWELL11E cytochrome	GQ844259	75.59	98.16	7.86501e-33	Lithodesmiales	Lithodesmiaceae	Ditylum brightwellii
Ditylum brightwellii voucher MARBOT04 cytochrome o	GQ844258	75.59	98.16	7.86501e-33	Lithodesmiales	Lithodesmiaceae	Ditylum brightwellii
Coscinodiscus wailiesii voucher CCMP2513 cytochrome	GQ844250	76.28	97.7	7.86501e-33	Coscinodiscales	Coscinodiscaceae	Coscinodiscus wailiesii
Fragilaria striatula mitochondrial coxI gene for c	AB020224	75.59	98.16	7.86501e-33	Fragilariales	Fragilariaceae	Grammonema striatula
Berkeleya fennica mitochondrion, complete genome	KM886611	75.47	97.7	2.74516e-32	Naviculales	Berkeleyaceae	Berkeleya fennica
Frustulia maoriana mitochondrial partial COI gene	HF562264	75.12	100	2.74516e-32	Naviculales	Amphipleuraceae	Frustulia maoriana