

Supplementary Materials

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Supplementary Table S1. Isolation information and GenBank accession number of diatoms use in this study

Gene	Taxon	Strain identifier	Locality	GenBank accession No.
SSU rRNA	<i>Nitzschia palea</i>	NPAL9	Luxembourg	AJ867006.1
	<i>N. palea</i>	NIES-487	Japan	LC037443.1
	<i>Peridinium foliaceum</i>	-	Germany	Y10567.2
	<i>N. aequorea</i>	Dillu38	Republic of Korea	KY320391.1
	<i>N. laevis</i>	UTEX 2047	USA	KF177775.1
	<i>N. capitellata</i>	TCC579	France	KT072978.1
	<i>N. sigma</i>	FDCC L1546	Italy	AJ867279.1
	<i>N. tubicola</i>	TCC:575	France	MN696714.1
	<i>Tryblionella apiculata</i>	SZCZR1825	Poland	MT383123.1
	<i>Cylindrotheca closterium</i>	MGB0506	China	DQ082742.1
	<i>Pseudo-nitzschia pungens</i>	PnKd05	Malaysia	KP709004.1
	<i>Phaeodactylum tricornutum</i>	UTEX 640	Hungary	AJ269501.1
	<i>Navicula radiosa</i>	AT-114Gel06	Germany	AM501972.1
	rbcL	<i>N. palea</i>	Japan F	France
<i>N. palea</i>		Belgium4	Spain	FN557029.1
<i>N. capitellata</i>		BC0713	United Kingdom	MN718783.1
<i>N. bergii</i>		TA139	Republic of Korea	KY320318.1
<i>N. pusilla</i>		TCC:900	France	MN696779.1
<i>N. laevis</i>		CCMP:559	Canada	HQ337572.1
<i>Amphora berolinensis</i>		HSB02	Germany	KM084982.1
<i>Plagiogrammopsis castigatus</i>		SZCZE471	Poland	MF001976.1
<i>Nitzschia sigma</i>		TA377	Republic of Korea	KY320324.1
<i>Tryblionella debilis</i>		BC0502	United Kingdom	MN718770.1
<i>N. frustulum</i>		CCMP558	Italy	EF423498.1
<i>Pseudo-nitzschia pungens</i>		ICMB-143	Spain	FJ150759.1
<i>Phaeodactylum tricornutum</i>		UTEX640	USA	MH064125.1

SSU rRNA, small subunit ribosomal RNA.