**Supplementary table 1.** Taxa used for plastid genome sequencing with source and GenBank accession numbers.

|  |  |  |
| --- | --- | --- |
| Taxon | Source/locality | GenBank Accession  |
| *Cerataulina daemon*  | Atlantic coast, FL, USAApprox. 26.9o N, -80.0o W |  KJ958484 |
| *Chaetoceros simplex*  | CCMP 200 | KJ958479 |
| *Cyclotella sp. L04\_2*  | Lake Ohrid, Macedonia  | KJ958480 |
| *Cyclotella sp. WC03\_2*  | Waller Creek, TX, USA30.12 o N, 97.43 o W | KJ958481 |
| *Thalassiosira weissflogii* | CCMP 1336 | KJ958485 |
| *Rhizosolenia imbricata* | Harbor Branch Oceanographic Institute boat dock, FL, USAApprox. 27.5o N, -80.3o W | KJ958482 |
| *Roundia cardiophora* | Achang Reef, Guam, USA13.249o N, 144.697o W | KJ958483 |

 Abbreviation: CCMP (National Center for Culture of Marine Phytoplankton)