Biogeographic Distribution Division Polar Alveolata Polar-Temperate Chlorophyta Cosmopolitan Cryptophyta × Unallocated Haptophyta Stramenopiles Stages_II_and_III Stage_I ▲ Phaeocystis pouchetii Strombidium caudispina ed4ae22e6f 3105a2354e ▲ Micromonas polaris ▲ Fragilariopsis cylindrus 2044dfe072 ec4282114f ▲ Pseudo-nitzschia sp. ■ Bacillariaceae X sp. c69e8e07e3 b7ab8df4dc Strombidium caudispina e4c749ac0b ■ Thalassiosira nordenskioeldii 3105a2354e *** ⊕ Prorocentrum sp. ■ Fragilaria sp. c5dd19dff1 d0f07245bd 📤 Navicula sp. ■ Bacillariaceae X sp. 15a3691ed4 c69e8e07e3 imes Porosira sp. ■ Thalassiosira antarctica 4de55affda 0e63043d86 Phaeocystis pouchetii 2044dfe072 Fragilariopsis cylindrus ed4ae22e6f 7bdf820b47 ■ Parmales env 2 X sp. 3db259488e Bacillariaceae X sp. ■ Bacillariaceae X sp. imes Thalassiosira sp. 35dd9ad32d 3fb11d7983 ▲ Baffinella frigidus ■ Bacillariaceae X sp. 35dd9ad32d c699cb1809 \times Parmales env 2 X sp. 6aa05b1319 Attheya sp. da093e6bd5 Chaetoceros sp. b90e070e4e Ankylochrysis sp1 38339c0b55 ▲ Baffinella frigidus 786107af80 Heterocapsa sp. c699cb1809 → Cryptomonadales XX sp. ■ Pelagomonadales clade A1 sp. 6224d893e7 58a35e6970 Paraphysomonas sp. ■ Bacillariaceae X sp. d955945ff2 887e03c0a4 ▲ Hydrurales Clade–II X sp. ■ Bacillariaceae X sp. 887e03c0a4 38e353ec2a ♣ Porosira glacialis aflaaa8d76 ⊕ Heterocapsa nei/rotundata d3d233a12c Parallelostrombidium conicum ■ Bacillariaceae X sp. 3db259488e e643341e52 ▲ Torodinium robustum Strombidium paracapitatum 3f8a8b4361 580ca71171 Chaetoceros neogracilis Strombidium caudispina 7c17a19c86 4ce1f6f873 ▲ Thalassiosira nordenskioeldii Micromonas polaris 2976201d4c ec4282114f ▲ Navicula sp. 3f04bb4a21 Prorocentrum sp. 15a3691ed4 Oligotrichida XX sp. ▲ Pyramimonas gelidicola 2db83b27ef bda1e9880e ■ Nitzschia sp. Strombidium caudispina 814086cfc6 7c17a19c86 10^{5.5} 10^{3.5} 10^{4.5} $10^{3.5}$ 10^{4.5} $10^{5.5}$ 10⁶ 10⁴ 10³ 10⁴ 10⁵ 10⁵ 10⁶ Total number of DNA reads