Sorted pico – class level ST1_8 ST2_9 ST1_7 ST2_10 SA1_1 SA2_3 SA2_4 SA2_5 SA2_6 SA3_11 1.00 class Mamiellophyceae Chloropicophyceae 0.75 -Pyramimonadophyceae Trebouxiophyceae Proportion of reads Prymnesiophyceae Haptophyta_Clade_HAP3 0.50 **-**Bolidophyceae Bacillariophyta Chrysophyceae Dictyochophyceae 0.25 -Pelagophyceae MOCH-2 Dinophyceae 0.00 light dark light -dark light dark initial light dark initial initial light dark initial light dark initial light : initial light dark initial vial_type