Sorted nano – photosynthetic ST1\_7 ST1\_8 ST2\_9 SA1\_1 SA2\_4 SA2\_5 SA2\_6 SA3\_11 ST2\_10 A1\_ SA2\_3 1.00 -0.75 order SUR 0.50 Cryptomonadales Pyramimonadales 0.25 Coccolithales Chlorellales n reads Bacillariophyta\_X Dictyochophyceae\_X MOCH-2\_X Isochrysidales 0.75 -Phaeocystales Haptophyta\_Clade\_HAP3\_X DCM 0.50 Haptophyta\_Clade\_HAP5\_X 0.25 0.00 vial\_type initial initial initial light initial light light light. light light. light light initial initial initial initial light. light. initial