Sorted Pico –Phaeocystales ST2\_9 ST2\_10 SA1\_1 SA1\_2 SA2\_3 SA2\_4 SA2\_5 SA2\_6 SA3\_1 1.00 -0.75 SUR 0.50 species\_sub Proportion of reads 0.25 - 0.00 - 0.00 - 0.00 - 0.75 - 0.7 Others Phaeocystis\_antarctica Phaeocystis\_globosa Phaeocystis\_sp. Phaeocystis\_pouchetii Phaeocystis\_cordata DCM 0.50 -0.25 -0.00 initial light dark

vial\_type