Lake Champlain – metatranscriptomes & metagenomes 0.75 Taxonomy (genera) St1 (genome-2015) Acinetobacter 0.50 alpha Anabaena **S** 0.28 Bacillus Bacteria Blautia Fraction of annotated Calothrix Candidatus (genome-2016) Chlamydia Dolichospermum Elizabethkingia Flavobacterium Fusobacterium Inediibacterium Microcystis Nostoc (transcriptome-2016) Salmonella 0.50 Staphylococcus Streptococcus 0.25 Synechococcus Sampling Source - 0.8 - 0.3 - 25016-08-12 2016-08-12 2016-08-13 2016-07-16 2016-07-30 2016-08-16 2016-08-18 2016-08-23 2016-09-15 2016-09-19 2016-09-22 2016-09-26 2016-10-06 2016-07-05 2016-07-21 2016-07-28 2016-07-29 2016-08-02 2016-09-01 2016-06-01 2016-07-27