



**Figure S8. Detrended Correspondence Analysis (DCA) ordinations of 21 samples for metagenomic RT gene abundance.** DCA ordinations are shown with significant ( $p \leq 0.05$ ) environmental vectors fitted using envfit. Arrows indicate the direction of the (increasing) environmental gradient, and their lengths are proportional to their correlations with the ordination. X stands for size fraction samples of 180-2000  $\mu\text{m}$ , L for 20-180  $\mu\text{m}$ , M for 5-20  $\mu\text{m}$  and S for 0.8-5  $\mu\text{m}$ . Samples from St TARA\_007 is coloured in pink, St TARA\_023 in blue, and St TARA\_030 in green.