Supplementary Material

## Supplementary Figures

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**Figure S1**. Principal coordinates analysis (PCoA) for particle-attached (**A**, **B**; PA, 3-20 µm) and free-living (**C**, **D**; FL, 0.2-3 µm) bacterial community compositions in seawater from surface (**A, C**) and bottom (**B, D**) layers of sampling site. Information on chemical parameters was added to the PCoA plot using envfit.



**Figure S2**. Standard deviations (SD, %) against relative abundance (%) of different bacterial communities to indicate the variation of three independently biological measurements.