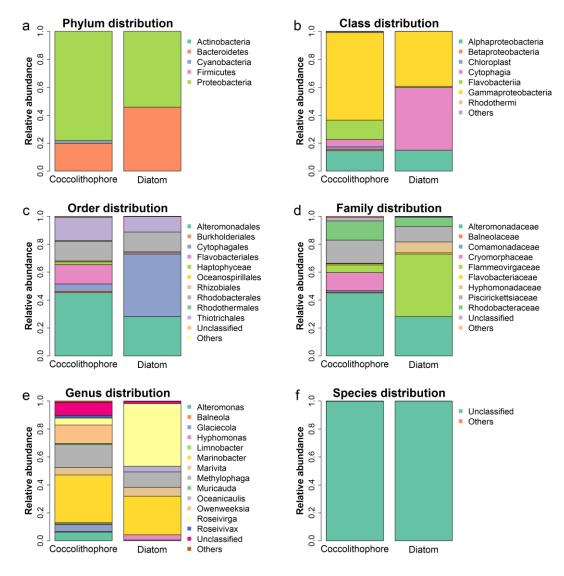
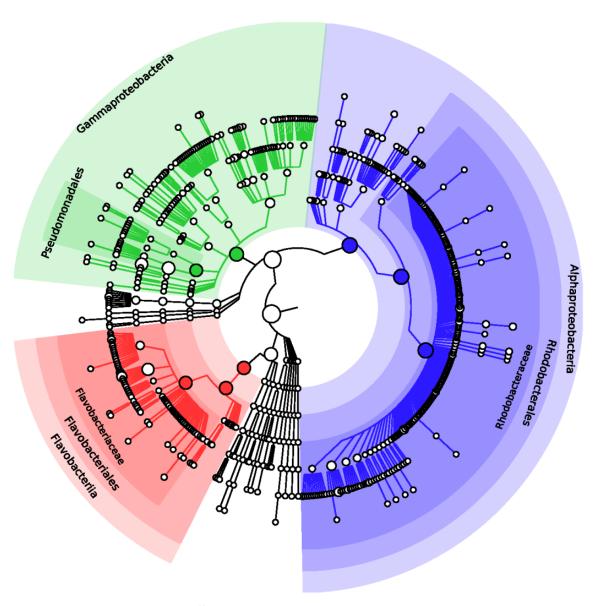
1	Figure legend
2	Supplementary Fig. 1 Bacteria community structure of the inoculated phytoplankton (coccolithophore:
3	E. huxleyi; diatom: P. tricornutum and T. weissflogii) culture at phylum (a), class (b), order(c), family
4	(d), genus (d), species (d) level.
5	
6	Supplementary Fig. 2 The phylogenetic tree of OTUs from all samples.
7	
8	Supplementary Fig. 3 Composition of the top 10 taxa at the (a) class, (b) order, (c) family or (d) genus
9	level for all samples.
10	
11	Supplementary Fig. 4 Rarefaction curves of samples from HC-2, HC-4, HC-7, LC-1, LC-6 and LC-8
12	collected at various time points using different estimator methods including Observed species (a),
13	Shannon index (b), Chao index (c), Simpson index (d).
14	
15	Supplementary Fig. 5 Bacterioplankton community diversity variation of HC-2, HC-4, HC-7, LC-1,
16	LC-6 and LC-8 over time using different estimator methods including Observed species (a), Shannon
17	index (b), Chao index (c), Simpson index (d).
18	
19	Supplementary Fig. 6 Principle component analysis (PCA) of bacterioplankton community of all
20	samples collected at different time points.
21 22	
23	
24	



Supplementary Figure. 1

Phylogenetic Tree

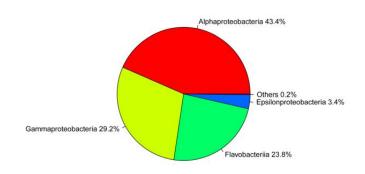


Supplementary Figure. 2

a Composition of the top 10 taxa at the order

Rhodobacterales 41.7% Bdellovibrionales 0.1% Others 0.1% Others 0.1% Prizyetisales 0.5% Prizyetisales 0.5% Prizyetisales 2.38% Campylobacterales 3.4% Alteromonadales 6.3%

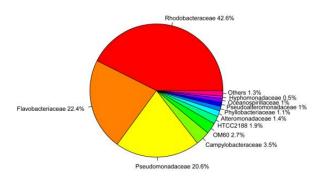
b Composition of the top 10 taxa at the class



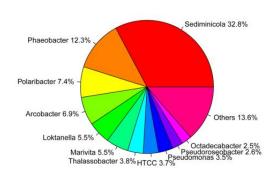
C Composition of the top 10 taxa at the family

48

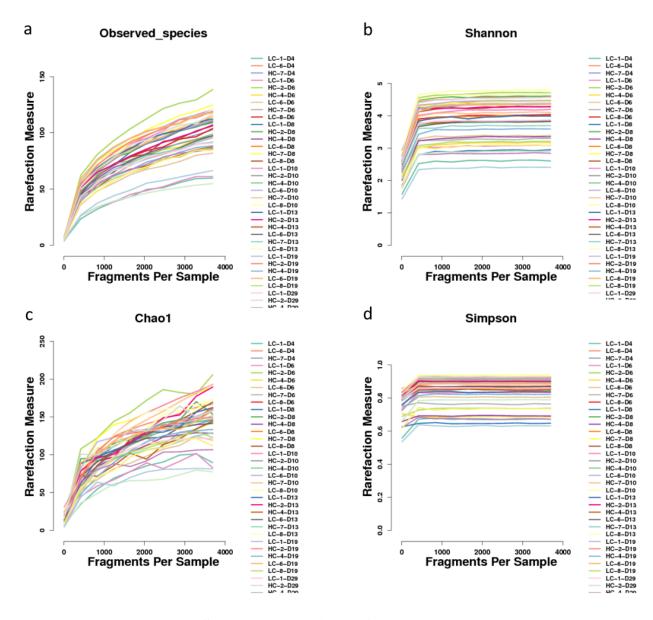
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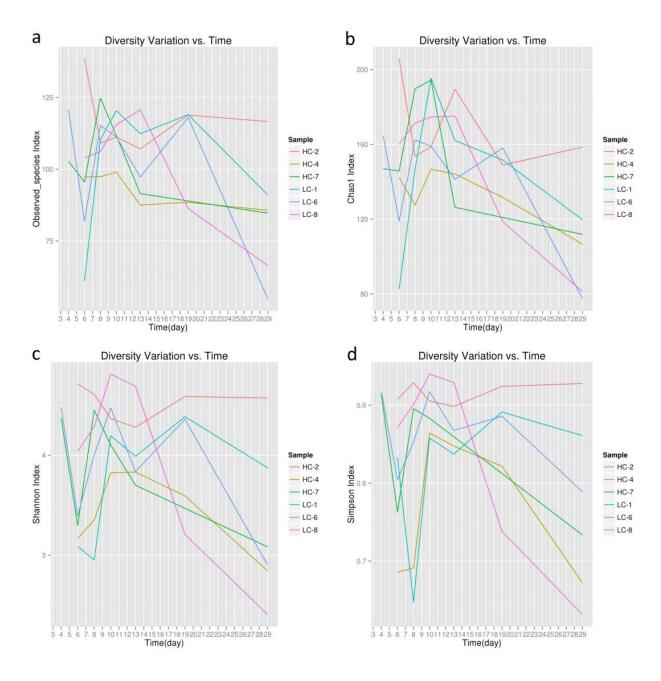
d Composition of the top 10 taxa at the genus



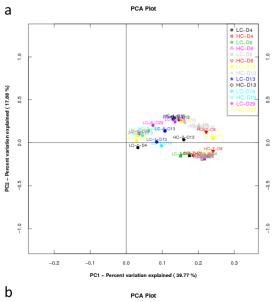
Supplementary Figure. 3

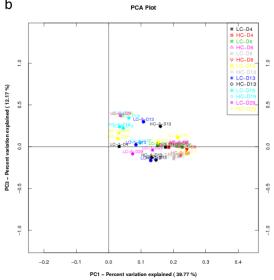


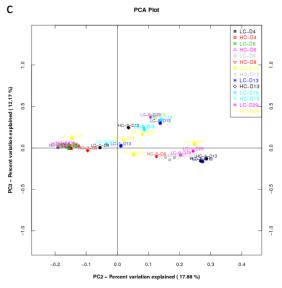
Supplementary Figure. 4



Supplementary Figure. 5







Supplementary Figure. 6