

Supporting Information for:

Organic carbon and eukaryotic predation synergistically change resistance and resilience of aquatic microbial communities

Wenwen Fang¹, Xiaokun Liu¹, Xing Mu¹, Jiangjian Shi¹, Zhiwei Liang¹, Shengzhi Zheng²,
Xiang Tu³, Zhili He¹ and Shanquan Wang¹#

Corresponding author: Shanquan Wang (wangshanquan@mail.sysu.edu.cn)

Number of figures: 2

Number of tables: 2

Figure S1

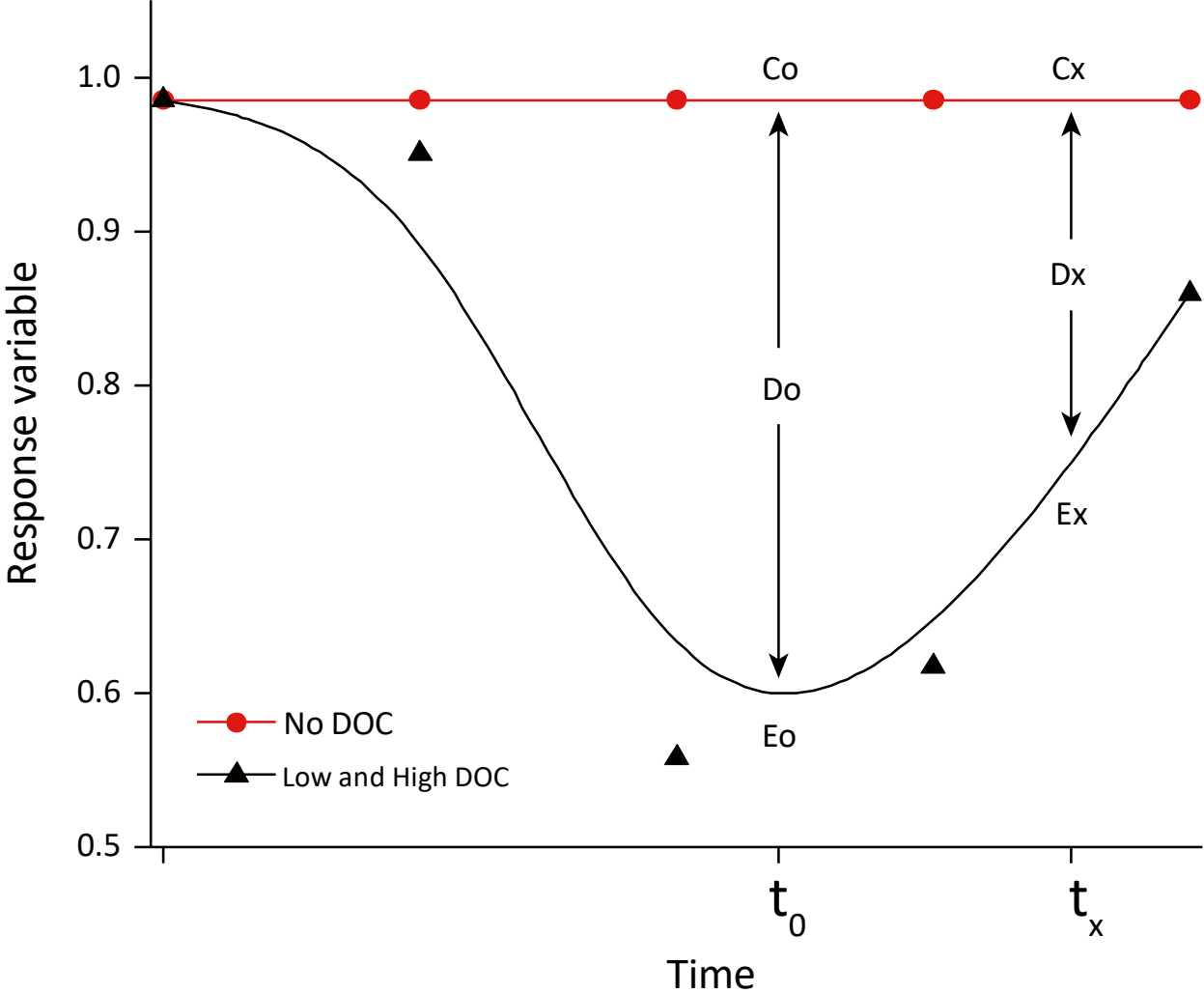


Figure S2

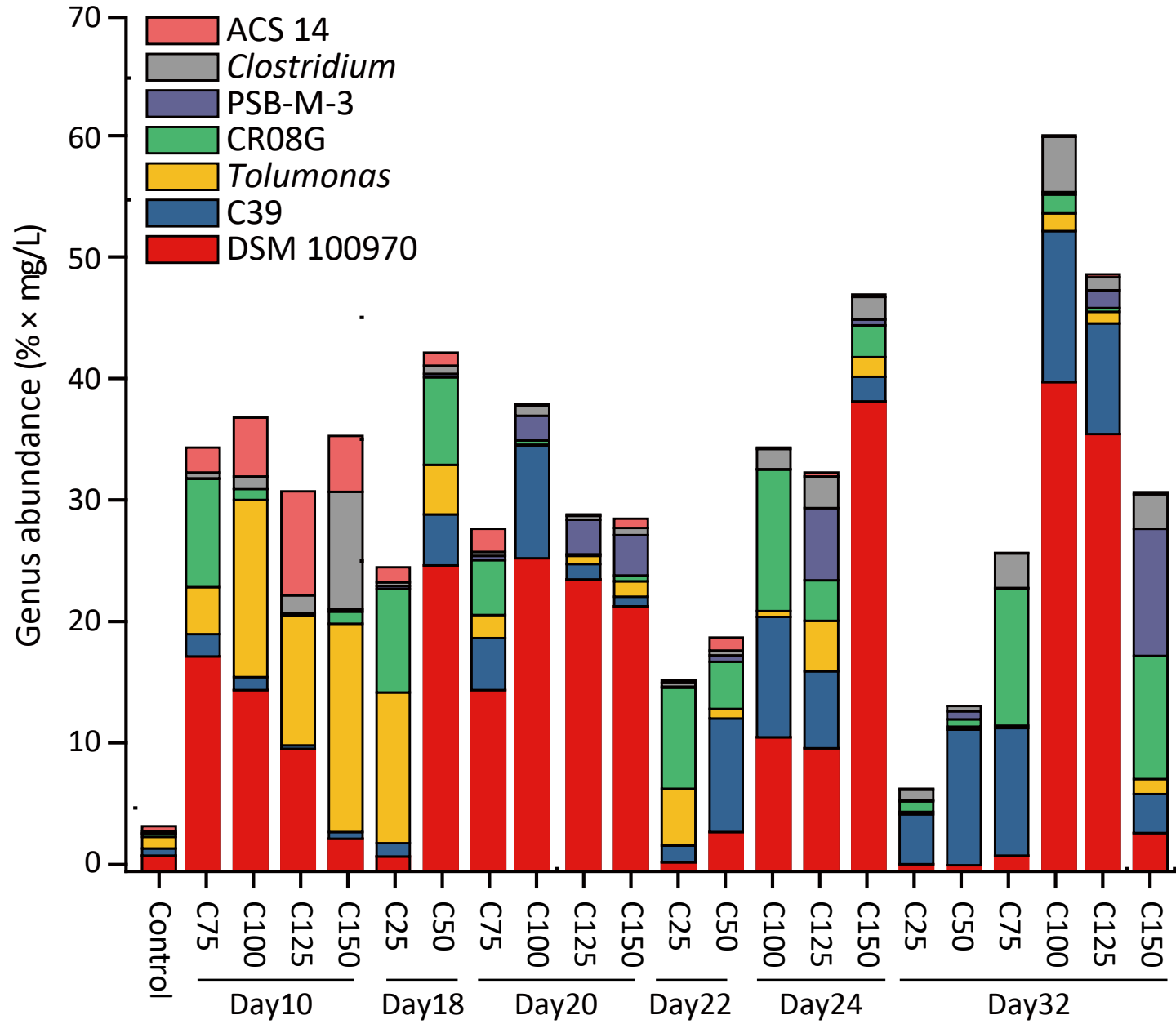


Table S.1 Change in the resistance and resilience indexes under different scenarios.

	Low DOC	High DOC
RS	0.676	0.541
RL	-0.016	0.032
RLS	-0.224	0.448

Table.S2 Correlation coefficients among DOC, biomass and predator in two type of DOC content. Pears on c orrelation * $p < 0.05$ ** $p < 0.01$

Low DOC	TOC	Predator	SS
TOC	1		
Predator	0.588*	1	
SS	-0.111	-0.509*	1
High DOC			
TOC	1		
Predator	-0.117	1	
SS	0.414	-0.127	1