

Table S1. Significant growth (μ , day⁻¹±S. D) and grazing mortality rates (g, day⁻¹± S. D) of microbial components observed during the four dilution experiments in October 2008 and May, June and July 2009 in the Thau Lagoon. The g: μ ratio is also noted if available. N.A indicates that the data are not available.

	Microbial Groups	Growth rates (μ)	Grazing rates (g)	g: μ
October 2008	BactTotal	1.85±0.09	-1.33±0.12	0.72
	LNA1	1.40±0.07	-1.21±0.10	0.86
	HNA1	2.05±0.09	-1.36±0.13	0.66
	HNA2	2.19±0.39	-1.35±0.57	0.61
	Ostreo	0.01±N.A	-0.69±0.28	N.A
	PicoEuk1	0.76±0.08	-0.38±0.12	0.50
	PicoEuk3	0.01±N.A	-0.67±0.17	N.A
	NanoEuk2	0.32±0.17	-0.63±0.25	1.99
May 2009	BactTotal	1.39±0.14	-1.35±0.23	0.97
	HNA1	1.63±0.15	-1.79±0.25	1.10
	Syne1	0.34±0.14	-0.72±0.22	2.15
	Ostreo	0.21±0.05	-0.40±0.09	1.93
	PicoEuk3	1.05±0.05	-0.60±0.08	0.58
	NanoEuk4	0.98±0.09	-0.49±0.14	0.50
June 2009	BactTotal	2.18±0.11	-2.28±0.18	1.04
	LNA1	1.74±0.10	-1.62±0.17	0.93
	LNA2	1.58±0.10	-1.85±0.16	1.17
	HNA1	2.43±0.11	-2.62±0.18	1.08
	Syne1	1.09±0.07	-0.86±0.11	0.79
	Ostreo	0.01±N.A	-0.62±0.08	N.A
July 2009	BactTotal	2.03±0.13	-2.20±0.22	1.08
	LNA1	1.16±0.13	-1.59±0.21	1.37
	HNA1	1.63±0.16	-1.87±0.26	1.15
	Syne1	0.01±N.A	-1.06±0.16	N.A
	Syne2	0.30±0.08	-0.69±0.14	2.32
	Ostreo	0.36±0.06	-0.58±0.09	1.62
	PicoEuk2	0.68±0.08	-0.38±0.13	0.56