Table S1. A two - way ANOVA without replication was performed to assess difference in the bacterial abundance, protein and ammonium (NH_4^+) concentrations between jellyfish treatments (A, P, R) and the control (**A**). A Tukey HSD test of 95% confidence intervals was performed to compare individual time points (**B**).

A) 2 - way ANOVA without replication

Abundance

	Df	F value	Pr(>F)
Treatment	1	10.166	0.00657**
Day	5	7.489	0.00131**
Residuals	14		

NH_4^+

	Df	F value	Pr(>F)
Treatment	1	34.01	2.00E-05***
Day	5	3.811	0.0169*
Residuals	17		

Proteins

	Df	F value	Pr(>F)
Treatment	3	17.289	3.93E-05***
Day	5	1.411	0.276
Residuals	15		

B) Tukey HSD test - P value

Day	Abundance	NH_4^+	Proteins
1-0	0.999	0.999	0.947
2-0	0.993	0.999	0.999
3-0	0.249	0.996	0.992
6-0	0.010	0.107	0.809
9-0	0.010	0.217	0.879
2-1	0.999	0.999	0.813
3-1	0.376	0.981	0.709
6-1	0.017	0.072	0.323
9-1	0.017	0.152	0.401
3-2	0.527	0.961	0.999
6-2	0.029	0.056	0.945
9-2	0.029	0.121	0.975
6-3	0.401	0.238	0.980
9-3	0.400	0.430	0.993
9-6	1.000	0.998	0.999