

ELECTRONIC SUPPLEMENTARY MATERIAL

Table **S1**. Summary of nutrient conditions in all treatments. Values were averaged for water samples collected and analyzed every two experimental days. All values are reported as the mean (\pm SE). Nitrite and phosphate were kept at ambient levels.

Treatment	Nitrate (μM)	Nitrite (μM)	Phosphate (μM)
Control	3.41 ± 0.88	0.57 ± 0.18	0.10 ± 0.02
+N	13.04 ± 2.57	0.50 ± 0.20	0.12 ± 0.04
+T	3.68 ± 1.42	0.64 ± 0.31	0.12 ± 0.04
+N +T	13.11 ± 2.37	0.57 ± 0.11	0.18 ± 0.07

Figure S2. Example plots of oxygen consumption over time for (a) 8 *Orbicella faveolata* or (b) 3 *Porites astreoides* larvae placed in a single well of the microplate. R^2 values are given for the linear trend in each plot. The first 10–20% (pO_2 in % air saturation) linear decreases in oxygen were used to calculate respiration rates per larva. Any portion of the slope that dipped below 70% air saturation was not used for data analysis.

