Supplementary Information for ‘The Arctic picoeukaryote *Micromonas pusilla* benefits synergistically from warming and ocean acidification’ by Hoppe et al.

Table SI1: Statistical results from two-way ANOVAs investigating the individual and interactive effects of temperature and pCO₂ on all measured properties of *M. pusilla*.

		temp	pCO ₂	temp x pCO ₂
μ	F value	327.61	8.75	11.78
	p value	<0.001	0.001	<0.001
Chl <i>a</i> quota	F value	1.15	1.16	17.96
	p value	0.30	0.36	<0.001
C quota	F value	24.01	0.55	9.88
	p value	<0.001	0.66	<0.001
N quota	F value	4.75	0.56	10.12
	p value	0.05	0.65	<0.001
C:N	F value	13.70	3.16	2.23
	p value	0.002	0.06	0.12
C:Chl <i>a</i>	F value	13.45	1.67	5.89
	p value	0.002	0.21	0.01
POC prod.	F value	356.17	7.10	29.28
	p value	<0.001	0.003	<0.001
Fv/Fm	F value	0.26	1.33	0.07
	p value	0.62	0.30	0.98
SPSII	F value	0.11	0.17	2.28
	p value	0.75	0.92	0.12
τ_{ES}	F value	5.82	0.98	3.79
	p value	0.03	0.43	0.03
NPQ _{max}	F value	0.17	8.02	0.86
	p value	0.68	0.002	0.49
α	F value	0.03	1.44	1.16
	p value	0.87	0.27	0.36
ETR _{max}	F value	1.16	0.55	1.31
	p value	0.30	0.66	0.31
E _K	F value	0.68	0.82	1.28
	p value	0.42	0.51	0.32

Figure SI1: Growth rate constants (A) and POC production (B) of *M. pusilla* under low (open symbols) and high temperatures (filled symbols) as a function of $[\text{CO}_2]$ ($n=3$; mean ± 1 s.d.). Results from statistical analysis can be found in Table SI2.