

Temperature (°C)	$p\text{CO}_2$ (μatm)	Growth rate constant μ (day^{-1})	Division rate constant k (day^{-1})	POC production ($\text{fmol cell}^{-1} \text{ day}^{-1}$)	POC quota (fmol cell^{-1})	PON quota (fmol cell^{-1})	Chl a quota (fg cell^{-1})	POC : PON (mol mol^{-1})	POC : Chl a (g g^{-1})
2	180	0.75 ± 0.04	1.08 ± 0.05	256 ± 11	239 ± 20	28.7 ± 2.6	28.6 ± 2.1	8.3 ± 0.1	100 ± 7
	380	0.85 ± 0.03	1.23 ± 0.04	290 ± 16	237 ± 22	30.9 ± 1.8	24.7 ± 1.4	7.7 ± 0.3	115 ± 10
	1000	0.79 ± 0.05	1.15 ± 0.07	224 ± 23	196 ± 25	24.9 ± 4.9	20.0 ± 2.9	8.0 ± 0.6	118 ± 5
	1400	0.82 ± 0.05	1.18 ± 0.07	235 ± 13	199 ± 16	23.9 ± 2.3	22.0 ± 1.5	8.4 ± 0.1	109 ± 4
6	180	1.06 ± 0.03	1.53 ± 0.05	376 ± 15	245 ± 3	26.9 ± 0.6	21.1 ± 0.8	9.1 ± 0.1	140 ± 7
	380	1.05 ± 0.03	1.52 ± 0.04	342 ± 39	226 ± 26	25.9 ± 2.5	22.1 ± 2.6	8.7 ± 0.3	123 ± 11
	1000	1.25 ± 0.05	1.80 ± 0.07	497 ± 12	275 ± 6	33.7 ± 2.0	27.2 ± 0.9	8.2 ± 0.6	122 ± 6
	1400	1.05 ± 0.04	1.52 ± 0.06	400 ± 14	263 ± 7	31.1 ± 1.7	28.6 ± 3.2	8.5 ± 0.3	111 ± 16