

Supplements to Russnak et al. (2021)

Table S1 | Detailed statistical analysis temperature experiment 10°C-40°C. Results of Levene's test ($p > 0.05$), ANOVA (significant: $p < 0.05$) and * indicate Welch-ANOVA (significant: $p < 0.05$).

Strains	Dependent variable [Photosynthesis Respiration]	Levene test	F	<i>p</i>
Mf 1.05b	P	0.143	46.718	0.001
	R	0.12	4.231	0.006
SSB01	P	0.075	10.894	0.001
	R	0.012	3.577*	0.044*
RT-002	P	0.051	124.048	0.001
	R	0.001	34.557*	0.001*
MAC 703	P	0.001	36.946*	0.001*
	R	0.001	3.079*	0.062*
CCMP 421	P	0.001	11.249*	0.001*
	R	0.12	4,410	0.05
MAC HIAp	P	0.143	134.54	0.001
	R	0.22	5.539	0.01
1046	P	0.002	64.501*	0.001*
	R	0.76	4.967	0.003
CCMP 2556	P	0.38	15.001	0.001
	R	0.131	4.119	0.07
SSA01	P	0.301	28.663	0.001
	R	0.163	11.057	0.001

Table S2 | Detailed statistical analysis temperature experiment 20°C-34°C. Results of Levene's test ($p > 0.05$), ANOVA (significant: $p < 0.05$) and * indicate Welch-ANOVA (significant: $p < 0.05$).

Strains	Dependent variable [Photosynthesis Respiration]	Levene test	F	<i>p</i>
Mf 1.05b	P	0.432	13.323	0.001
	R	0.151	3.702	0.007
SSB01	P	0.001	7.123*	0.03*
	R	0.002	0.334*	0.321*
RT-002	P	0.767	7.998	0.001
	R	0.156	5.841	0.001
MAC 703	P	0.815	2.571	0.04
	R	0.358	15.104	0.001
CCMP 421	P	0.694	7.863	0.001
	R	0.252	1.688	0.16
MAC HIAp	P	0.961	1.444	0.234
	R	0.864	1.264	0.309
1046	P	0.997	1.317	0.285
	R	0.723	5.667	0.001
CCMP 2556	P	0.819	1.283	0.3
	R	0.286	0.875	0.54
SSA01	P	0.225	6.09	0.001
	R	0.018	0.898*	0.542*