

Table-1S. Measured pH values and partial pressure of CO₂ (pCO₂, ppmv) of *Dunaliella tertiolecta* cultures under the different PAR+UVR and CO₂ treatments. LC: low CO₂ (390 ppmv in the air bubbling system); HC: high CO₂ (1000 ppmv in the air bubbling system). Data are means of two independent cylinders ± standard deviation). See text for details.

	pH		pCO ₂	
	LC	HC	LC	HC
T_{ini}	8.11 ± 0.00	7.70 ± 0.00	325 ± 7	956 ± 17
I1100	8.02 ± 0.13	7.83 ± 0.01	432 ± 146	687 ± 13
I800	8.33 ± 0.00	7.92 ± 0.04	175 ± 7	551 ± 61
I400	8.39 ± 0.04	8.12 ± 0.05	146 ± 6	318 ± 44
I200	8.30 ± 0.01	8.10 ± 0.06	189 ± 4	337 ± 59