

Table S2 Fitted photosynthetic parameters via light/CO₂ response curves under different light intensity and night temperature conditions. R_d , dark respiration rate; R_p , photorespiration rate; R^2 , Determination coefficient. The abbreviations of growth environments are the same as in the Table 1.

Parameters	Fitting value from light/CO ₂ response curve					
	L _L NT _L	L _L NT _H	L _M NT _L	L _M NT _H	L _H NT _L	L _H NT _H
R_d ($\mu\text{mol m}^{-2} \text{s}^{-1}$)	2.26	0.37	1.52	1.13	1.7	0.38
R^2 (light response curve)	0.999	0.998	0.993	0.994	0.998	0.983
R_p ($\mu\text{mol m}^{-2} \text{s}^{-1}$)	2.90	3.29	5.57	6.31	3.40	4.90
R^2 (CO ₂ response curve)	0.999	0.989	0.971	0.982	0.991	0.978