

Table 1. Chl-based parameters of WT and Δ GlgP.

	OD ₇₅₀ /Chl (L mg ⁻¹)		N/Chl (mg mg ⁻¹)		Glycogen/Chl (mg mg ⁻¹)	
	The end of light phase	The end of dark phase	The end of light phase	The end of dark phase	The end of light phase	The end of dark phase
WT (light/dark)	0.39 ± 0.04	0.37 ± 0.01	10.4 ± 0.6	10.7 ± 0.4	8.5 ± 0.7	5.4 ± 1.0
Δ GlgP (light/dark)	0.59 ± 0.09	0.69 ± 0.08	10.7 ± 0.1	10.9 ± 0.4	20.1 ± 0.9	22.6 ± 3.0
WT (cont–light)	0.53 ± 0.11		11.8 ± 2.5		17.2 ± 7.8	
Δ GlgP (cont–light)	0.57 ± 0.001		9.7 ± 0.1		18.4 ± 1.4	

Notes: We used the cells in logarithmic growth phases (OD₇₅₀ = 2–5). WT and Δ GlgP were grown in two growth conditions, the light–dark cycle (light/dark) and the continuous light (cont–light, see Materials and Methods). Data are means ± SD of three independent experiments.