

Supplementary data

Developing a *Chromochloris zofingiensis* mutant for enhanced production of lutein under CO₂ aeration

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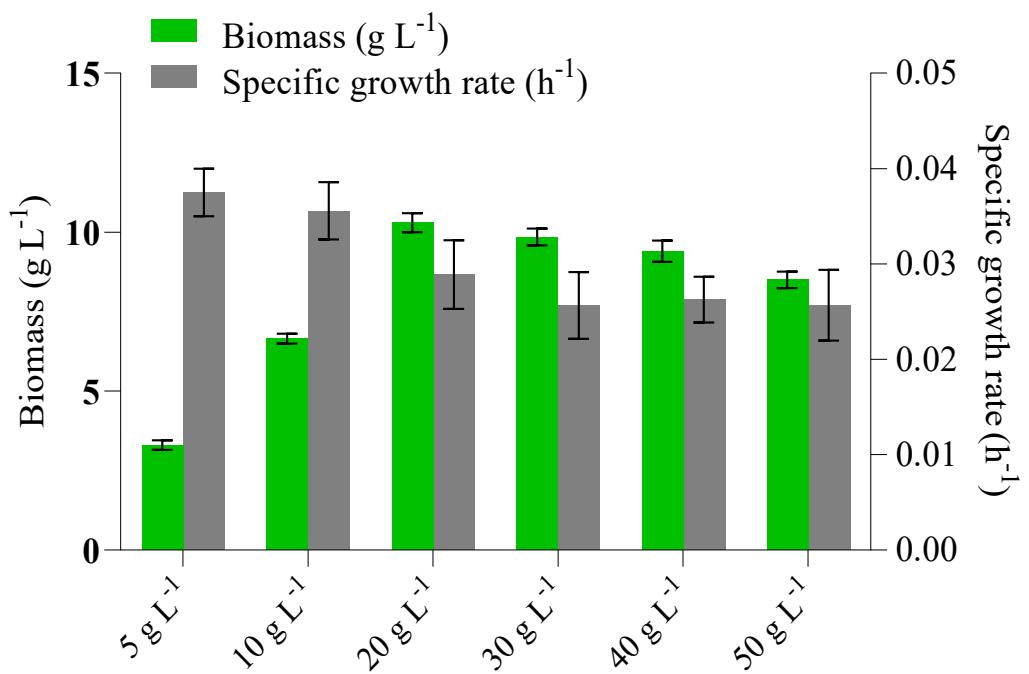
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Supplemental figure S1. The sequence alignment of PKG gene of WT (the upper) and *Cz-pkg* and the peptide sequence of PKG in WT. The red marker indicates the point mutation (T804A). The highlighted L represents the leucine from the codon UUG.



Supplemental figure S2. Biomass concentration and the specific growth rate of *Cz-pkg* under cultivation with different glucose concentrations. Data were presented in the form of mean \pm the standard deviation ($n = 3$).