

Table 1. Primers for quantitative reverse transcription PCR analysis. Sequences were obtained from Phytozome 13, *Chlamydomonas reinhardtii* v5.6.

Target gene/accession number	Primer name	Sequence (5'-3')
<i>GGK1</i> /Cre17.g705700	<i>GGK1F</i>	CCGAGTTCGACCGTGGATGG
	<i>GGK1R</i>	TTTGGTGCTCGGGTCGCATT
<i>GGK2</i> /Cre17.g705850	<i>GGK2F</i>	CATGCGCAAGACTGCGTGTGTC
	<i>GGK2R</i>	TTTTCCCGGTGCACCACCTC
<i>GSD1</i> /Cre03.g146527	<i>GSD1F</i>	AGATCGAGTCGCTGTTGGCG
	<i>GSD1R</i>	CCTTGCCACCCAGTCCTTG
<i>PCR1</i> /Cre03.g154550	<i>PCR1F</i>	CCTACGAGTCCAACGCCGAC
	<i>PCR1R</i>	GTGTGTCCCTCCGTCAGCAC
<i>PDY1</i> /Cre01.g036850	<i>PDY1F</i>	GCGTCGACTACGTGACCTGG
	<i>PDY1R</i>	CGACATCTCCCACTGCCGTC
<i>AD11</i> /Cre08.g360350	<i>AD11F</i>	GTACAAGATGACGCGT
	<i>AD11R</i>	ACATGGAGGTGATGGAGGAG
<i>OTC1</i> /Cre12.g489700	<i>OTC1F</i>	CAACGGCCTCACAGACTACA
	<i>OTC1R</i>	AAACCACCACGAAGTCAAC
<i>OTA1</i> /Cre11.g474800	<i>OTA1F</i>	AGTCTCACCTCCCGTGCCTT
	<i>OTA1R</i>	AACATCATAGCCCCAGCGCC
<i>ODC1</i> /Cre03.g159500	<i>ODC1F</i>	CTGCGTCTACAAGGACGTGA
	<i>ODC1R</i>	CTGTCCGACCACACGTACAG
<i>ODC2</i> /Cre16.g683371	<i>ODC2F</i>	CAAGACCACCTACGTGTCCA
	<i>ODC2R</i>	CGATGTCGCTCCACACATAC
<i>RACK1</i> /Cre06.g278222	<i>RACK1F</i>	CTTCTCGCCCATGACCAC
	<i>RACK1R</i>	CCCACCAGGTTGTCTTCAG

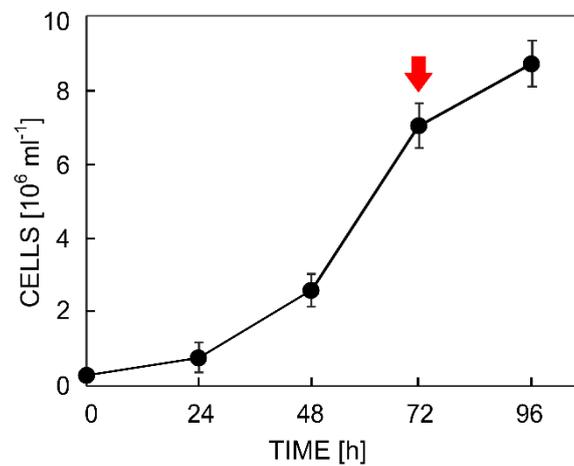


Fig. 1 Suppl. The growth curve of *Chlamydomonas reinhardtii* strain cw15-325. Cells were grown in tris-acetate-phosphate medium with 1 g of acetate. The cell number in cultures was analyzed at the indicated times as they grew continuously under an irradiance of 20 $\mu\text{mol}(\text{photons}) \text{m}^{-2} \text{s}^{-1}$ and a temperature of 22 °C. Means \pm SEs of three independent experiments. Cells from the log-phase were taken for the experiments (the point is indicated with a red arrow).