

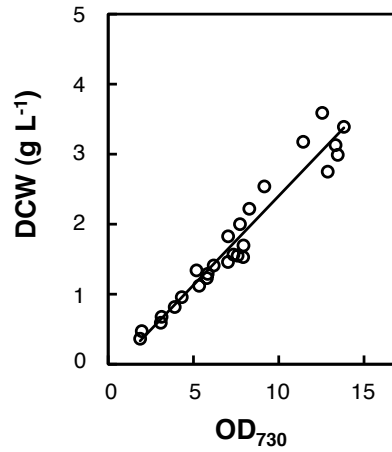


Fig S1. The relationship between OD₇₃₀ and the dry cell matter content of the cyanobacterial cultures

Dry cell weight (DCW) per L of cyanobacterial cultures (Y-axis) and optical density at 730 nm (OD₇₃₀) of the cultures (X-axis) were determined as described in Methods section. Data from twenty-six cultures were fitted to a linear relationship: $y = 0.255x - 0.144$ ($r^2 = 0.942$). Data shown are from twenty-six samples of *S. elongatus* PCC7942 cultures.