



Figure S1. Optimization of *Synechococcus* sp. PCC 7002 natural transformation.

Synechococcus sp. PCC 7002 cultures were grown to an OD₇₃₀ of 1, transformed with variable amounts of DNA, and incubated for different lengths of time (indicated along the x-axis) before plating onto selective media. Colonies were counted after 12 days of incubation at 30 °C, 16 h/8 h day-night cycle with 150 µmol photons m⁻² s⁻¹ light intensity. Bars represent means ± S.E.M. of three independent experiments. Letters indicate statistical differences determined by Tukey's test following ANOVA (p<0.005).