

Table 1 | Doubling times of *Synechococcus* UTEX 2973 and other model cyanobacterial strains under different conditions. The colors of highlighted values correspond to the colors of the growth curves shown in Fig 1

		41	38					30	
		3%	3%			Air (0.04%)		3%	
		500	100	200	300	500	100	500	300
Temp (°C)		500	100	200	300	500	100	500	300
CO <sub>2</sub> (v/v)		3%	3%			Air (0.04%)		3%	
Light intensity*		500	100	200	300	500	100	500	300
UTEX 2973	Doubling time (hrs)	<b>2.1 ± 0.2</b>	5.0 ± 0.4	-	4.2 ± 0.3	2.3 ± 0.1	6.3 ± 1.7	5.4 ± 0.9	-
PCC 7942		-	6.1 ± 0.3	-	<b>4.9 ± 0.7</b>	8.5 ± 0.3	8.7 ± 0.7	-	-
PCC 7002		-	-	9.3 ± 0.3	-	<b>4.1 ± 0.4</b>	-	-	-
PCC 6301		-	-	-	-	<b>5.4 ± 0.3</b>	-	-	-
PCC 6803		NG	NG	NG	NG	NG	NG	NG	<b>6.6</b>

Means +/- standard deviation of 5 replicates, except for *Synechocystis* PCC 6803, for which the mean doubling time of two replicates is shown.

\*, in  $\mu\text{mole photons}\cdot\text{m}^{-2}\cdot\text{s}^{-1}$ .

-, not determined.

NG, no growth.