

Table S1: Generation time of all strains used in this study grown under the indicated conditions

Strain	Genotype	Generation time ^a						
		Mixotrophic growth (hours)						Chemolithoautotrophic growth (days)
		2 mM	4 mM	8 mM	12 mM	16 mM	20 mM	
110spc4	Wild type	7.7	8.9	8.1	8.1	7.3	8.5	1.4
cox132	<i>coxA::Tn5</i>	-	8.7	-	-	-	-	3.1
3447	Δ <i>cycA</i>	-	9.2	-	-	-	-	1.7
C3505	Δ <i>cycB</i>	-	-	-	-	-	-	1.2
C3524	Δ <i>cycBC</i>	-	-	-	-	-	-	1.5
3448	Δ <i>cycABC</i>	-	7.9	-	-	-	-	2.3
6806	Δ <i>soxR</i>	-	8.7	-	-	-	-	1.4
2494	Δ <i>cbbR</i>	-	7.5	-	-	-	-	4.0
2426	Δ <i>regR</i>	-	8.2	-	-	-	-	3.5

^a Generation times were calculated from the respective growth curves shown in Fig. 2, 3, 4.