

Table 4. Regulation of cell size in response to nutrient availability is compromised in *fabH* mutants

Strain	Relevant genotype	Growth medium*	Length [†] (μm)	Width [†] (μm)	Generation time (min) [‡]	Surface [§] (μm ²)	Volume [§] (μm ³)	Surface area/ volume
NR754	Wild type	LB	2.81 ± 0.24	1.21 ± 0.05	26	22.26	4.16	5.3
		Minimal glucose medium	1.84 ± 0.15	0.89 ± 0.07	61	14.04	1.51	9.3
NR1769	<i>ΔfabH::kan</i>	LB	1.46 ± 0.15	0.87 ± 0.06	52	11.55	1.21	9.6
		Minimal glucose medium	1.36 ± 0.09	0.81 ± 0.04	86	10.61	0.97	10.6

*Cells were grown at 37 °C in either LB or glucose M63 minimal medium.

[†]Average dimensions (length and width) and SD of cells were obtained from at least 48 cells per strain and condition.

[‡]Average generation time of the culture.

[§]Surface area and volume were calculated from the average length and width.