

***fabH* deletion increases DHA production in *Escherichia coli* expressing *Pfa* genes**

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Supplementary Figures:

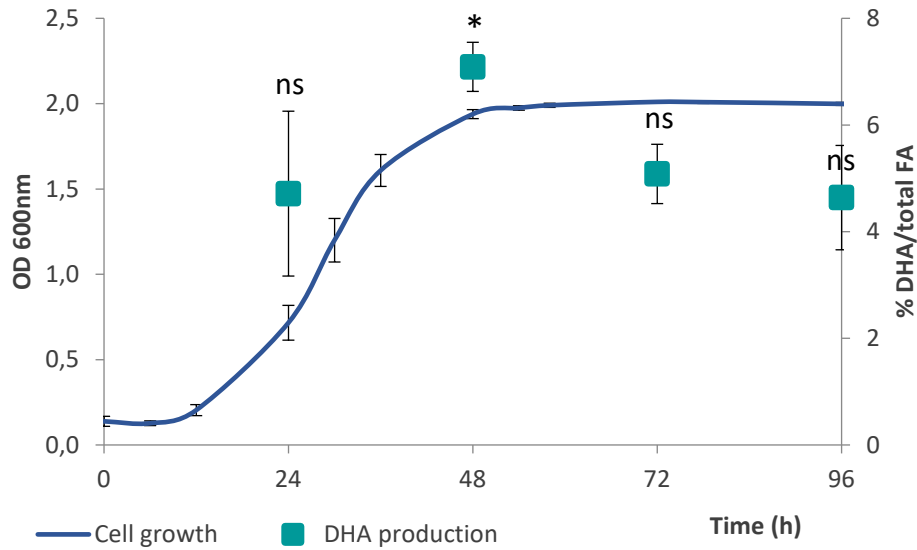


Figure S1. Kinetics of growth (line) and DHA production (squares) in BW-pDHA4 at 15°C for 96 h in three independent cultures. Bars indicate the mean and standard deviation. Asterisks indicate the degree of significance in the difference of DHA content among the samples (* $p < 0.05$; ns - not significant $p > 0.05$).

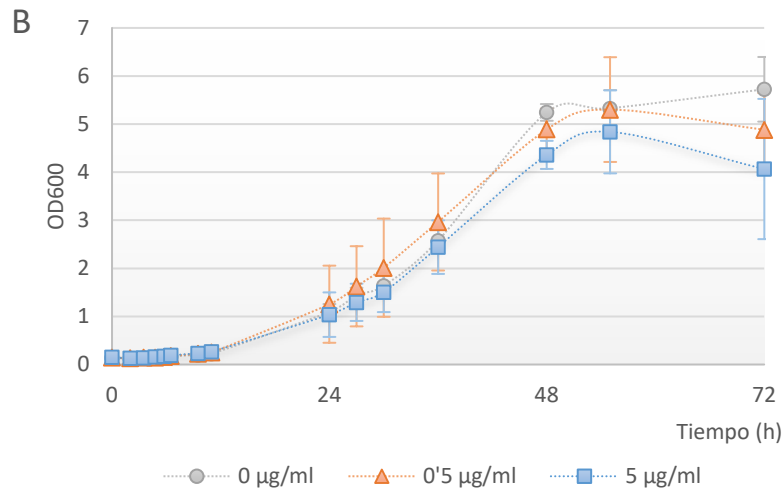
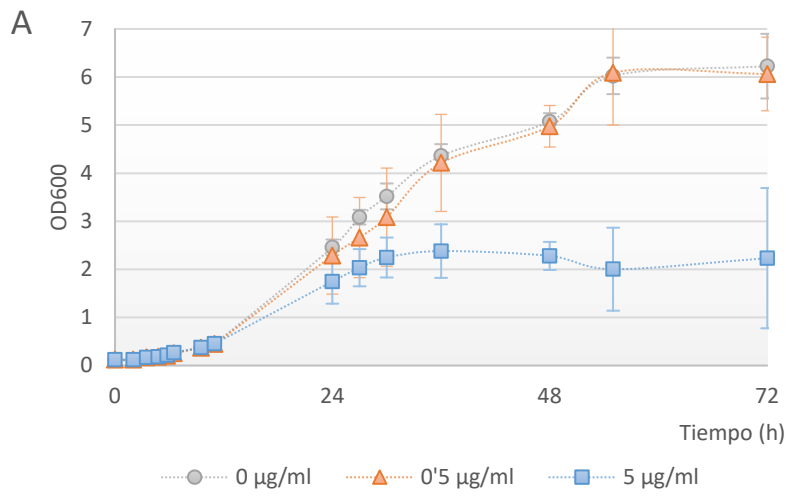


Figure S2. Growth curves of *E. coli* BW27783 (A) and *E. coli* BW27783 carrying plasmid pDHA4 (B) in absence of cerulenin (grey circles, 0 µg/ml), low concentration of cerulenin (orange triangle; 0.5 µg/ml), and high concentration of cerulenin (blue square; 5 µg/ml) for 72 h at 15 °C using 3 independent cultures. Mean and standard deviation is shown.