

Table S1. Bacterial strains used in this study

Bacterial strain	Source
<i>Escherichia coli</i> K-12 substr. MG1655 (GenBank:U00096.3)	ATCC ^a 700926
<i>E. coli</i> BL21(DE3) star: F ⁻ <i>ompT hsdSB(rB⁻ mB⁻) gal dcm rne131 λ(DE3)ΔlacZ</i>	ATCC BAA-1025-B2
<i>E. coli</i> MG1655, Δ <i>aspC</i>	This study
<i>E. coli</i> MG1655, Δ(<i>prmB-yfcL</i>)	This study
<i>E. coli</i> MG1655, Δ <i>fabB</i>	This study
<i>E. coli</i> MG1655, Δ <i>glnALG</i>	This study
<i>E. coli</i> MG1655, Δ <i>prpBCDE</i>	This study
<i>E. coli</i> MG1655, Δ <i>araFGH</i>	This study
<i>E. coli</i> MG1655, Δ <i>cusCFBA</i>	This study
<i>E. coli</i> MG1655, Δ <i>ddpXABCD</i>	This study
<i>E. coli</i> MG1655, Δ <i>fdnGHI</i>	This study
<i>E. coli</i> MG1655, Δ <i>kdpFABC</i>	This study
<i>E. coli</i> MG1655, Δ <i>bssS</i>	This study
<i>E. coli</i> MG1655, Δ <i>phoE</i>	This study
<i>E. coli</i> MG1655, Δ <i>nanCMS</i>	This study
<i>E. coli</i> MG1655, Δ <i>aroC</i>	This study
<i>E. coli</i> MG1655, Δ <i>mepA</i>	This study
<i>E. coli</i> MG1655, Δ <i>prmB</i>	This study
<i>E. coli</i> MG1655, Δ <i>yfcA</i>	This study
<i>E. coli</i> MG1655, Δ <i>epmC</i>	This study
<i>E. coli</i> MG1655, Δ <i>yfcL</i>	This study

^aATCC, American Type Culture Collection, USA.