

Table S8: Strains used in the current study. The entry in the “Name” column is used to refer to a given strain throughout the text.

Name	Genotype	Source
WT (<i>E. coli</i> MG1655)	F- λ - <i>ilvG</i> - <i>rfb</i> - 50 <i>rph</i> - 1	ATCC 700926 [3]
HGDE3	(see SRA045739.1)	Ethanol tolerant strain from [6]
<i>rho</i> *	MG1655 with Rho F62L mutation (<i>rho</i> *) from HGDE3	Present work
<i>lacZ</i> -	MG1655 <i>lacZ</i> ::(<i>cat gfp</i>)	[6]
WT/ Δ <i>visC</i>	MG1655 Δ <i>visC</i>	Present work
WT/ Δ <i>envZ</i>	MG1655 Δ <i>envZ</i>	Present work
WT/ Δ <i>yadM</i>	MG1655 Δ <i>yadM</i>	Present work
WT/ Δ <i>yagM</i>	MG1655 Δ <i>yagM</i>	Present work
WT/ Δ <i>ykgL</i>	MG1655 Δ <i>ykgL</i>	Present work
WT/ Δ <i>ppdD</i>	MG1655 Δ <i>ppdD</i>	Present work
WT/ Δ <i>yadN</i>	MG1655 Δ <i>yadN</i>	Present work
WT/ Δ <i>sthA</i>	MG1655 Δ <i>sthA</i>	Present work
WT/ Δ <i>aroM</i>	MG1655 Δ <i>aroM</i>	Present work
WT/ Δ <i>visC</i>	MG1655 Δ <i>visC</i>	Present work
WT/ Δ <i>apaH</i>	MG1655 Δ <i>apaH</i>	Present work
WT/ Δ <i>ynbE</i>	MG1655 Δ <i>ynbE</i>	Present work
WT/ Δ <i>yaaI</i>	MG1655 Δ <i>yaaI</i>	Present work
WT/ Δ <i>ybaM</i>	MG1655 Δ <i>ybaM</i>	Present work
WT/ <i>rpsL</i> *	MG1655 with <i>rpsL</i> nonsense mutation (<i>rpsL</i> *)	Present work
<i>rho</i> */ Δ <i>visC</i>	MG1655 <i>rho</i> * Δ <i>visC</i>	Present work
<i>rho</i> */ Δ <i>envZ</i>	MG1655 <i>rho</i> * Δ <i>envZ</i>	Present work
<i>rho</i> */ Δ <i>yadM</i>	MG1655 <i>rho</i> * Δ <i>yadM</i>	Present work
<i>rho</i> */ Δ <i>yagM</i>	MG1655 <i>rho</i> * Δ <i>yagM</i>	Present work
<i>rho</i> */ Δ <i>ykgL</i>	MG1655 <i>rho</i> * Δ <i>ykgL</i>	Present work
<i>rho</i> */ Δ <i>ppdD</i>	MG1655 <i>rho</i> * Δ <i>ppdD</i>	Present work
<i>rho</i> */ Δ <i>yadN</i>	MG1655 <i>rho</i> * Δ <i>yadN</i>	Present work
<i>rho</i> */ Δ <i>sthA</i>	MG1655 <i>rho</i> * Δ <i>sthA</i>	Present work
<i>rho</i> */ Δ <i>aroM</i>	MG1655 <i>rho</i> * Δ <i>aroM</i>	Present work
<i>rho</i> */ Δ <i>visC</i>	MG1655 <i>rho</i> * Δ <i>visC</i>	Present work
<i>rho</i> */ Δ <i>apaH</i>	MG1655 <i>rho</i> * Δ <i>apaH</i>	Present work
<i>rho</i> */ Δ <i>ynbE</i>	MG1655 <i>rho</i> * Δ <i>ynbE</i>	Present work
<i>rho</i> */ Δ <i>yaaI</i>	MG1655 <i>rho</i> * Δ <i>yaaI</i>	Present work
<i>rho</i> */ Δ <i>ybaM</i>	MG1655 <i>rho</i> * Δ <i>ybaM</i>	Present work
<i>rho</i> */ <i>rpsL</i> *	MG1655 with <i>rho</i> * and <i>rpsL</i> nonsense mutation (<i>rpsL</i> *)	Present work