

Supplementary Table 1 – Strains used in this study

Strain name in manuscript	Genotype and antibiotic resistance(s)	Description
WT	E7946 SmR	Wild type <i>V. cholerae</i> O1 El Tor
$\Delta tfoS$	E7946 $\Delta tfoS$ SmR SpecR	FRT-SPEC-FRT replacing <i>tfoS</i>
Δ periplasmic <i>tfoS</i>	E7946 <i>lacZ</i> ::FRT-SPEC-FRT Δ periplasmic <i>tfoS</i> SmR SpecR	Disruption of the <i>lacZ</i> gene with FRT-SPEC-FRT and an unmarked in-frame deletion of the periplasmic domain of <i>tfoS</i>
$P_{tac-tfoX}$	E7946 $P_{tac-tfoX}$ SmR KanR	The mTn10 overexpression cassette upstream of the endogenous copy of <i>tfoX</i> in the genome
$P_{tac-tfoX} \Delta tfoS$	E7946 $\Delta tfoS P_{tac-tfoX}$ SmR KanR	FRT scar replacing <i>tfoS</i> and the mTn10 overexpression cassette upstream of the endogenous copy of <i>tfoX</i> in the genome
$P_{tac-qstR}$	E7946 $P_{tac-qstR}$ SmR KanR	The mTn10 overexpression cassette upstream of the endogenous copy of <i>qstR</i> in the genome
$P_{tac-qstR} \Delta tfoS$	E7946 $\Delta tfoS P_{tac-qstR}$ SmR KanR	FRT scar replacing <i>tfoS</i> and the mTn10 overexpression cassette upstream of the endogenous copy of <i>qstR</i> in the genome
$P_{tfoR-lacZ}$ TX	E79646 $\Delta VC1807 P_{tfoR-lacZ}$ SmR SpecR	FRT-SPEC-FRT replacing VC1807 (An out-of-frame transposase – i.e. a neutral gene deletion) and a transcriptional fusion of the P_{tfoR} promoter to the endogenous copy of <i>lacZ</i> in the genome
$\Delta tfoS P_{tfoR-lacZ}$ TX	E7946 $\Delta tfoS P_{tfoR-lacZ}$ SmR SpecR	FRT-SPEC-FRT replacing <i>tfoS</i> and a transcriptional fusion of the P_{tfoR} promoter to the endogenous copy of <i>lacZ</i> in the genome
<i>tfoX-lacZ</i> TL	E7946 $\Delta VC1807 tfoX-lacZ$ SmR SpecR	FRT-SPEC-FRT replacing VC1807 (An out-of-frame transposase – i.e. a neutral gene deletion) and a translational fusion of the P_{tfoX} promoter and first 13 amino acids of the <i>tfoX</i> gene to the endogenous copy of <i>lacZ</i> in the genome
$\Delta tfoS tfoX-lacZ$ TL	E7946 $\Delta tfoS tfoX-lacZ$ SmR SpecR	FRT-SPEC-FRT replacing <i>tfoS</i> and a translational fusion of the P_{tfoX} promoter and first 13 amino acids of the <i>tfoX</i> gene to the endogenous copy of <i>lacZ</i> in the genome
<i>E. coli P_{tfoR-lacZ}</i>	MG1655 $P_{tfoR-lacZ}$ KanR	Contains a kanamycin resistance cassette (reverse orientation) and the P_{tfoR} promoter (forward orientation) transcriptionally fused to the endogenous copy of <i>lacZ</i> in the genome