

Table S1. Bacterial strains and plasmids

Designation	Genotype and relevant characteristics	Antibiotic Resistance	Reference
SL1344	Wild type	Streptomycin	[1]
CJA007	SL1344 $\Delta eutR$:Chl (chloramphenicol resistance cassette replaces the <i>eutR</i> gene)	Streptomycin Chloramphenicol	Present study
CJA009	SL1344 $\Delta eutR$	Streptomycin	Present study
CJA018	SL1344 $\Delta eutB$:Chl (chloramphenicol resistance cassette replaces the <i>eutB</i> gene)	Streptomycin Chloramphenicol	
CJA020	SL1344 $\Delta eutB$	Streptomycin	Present study
AJK61	SL1344 $\Delta invG$	Streptomycin	[2]
CJA023	SL1344 $\Delta invG\Delta eutR$	Streptomycin	Present study
CJA028	SL1344 $\Delta invG\Delta eutB$	Streptomycin	Present study
CJA032	SL1344 $\Delta invG\Delta eutR$ + pGEN	Streptomycin Ampicillin	Present study
CJA033	SL1344 $\Delta invG\Delta eutR$ + pCJA002	Streptomycin Ampicillin	Present study
CJA034	SL1344 $\Delta invG$ + pGEN	Streptomycin Ampicillin	Present study
CJA037	SL1344 $\Delta invG$ EutR::FLAG	Streptomycin	Present study
DC26	SL1344 $\Delta eutR$ + pDC24	Streptomycin Ampicillin	Present study
Plasmids			
pGEN	Cloning vector	Ampicillin	[3]
pMAL-c5X	Cloning vector	Ampicillin	New England Biolabs
pCJA002	pGEN + <i>eutR</i>	Ampicillin	Present study
pDC24	SL1344 <i>eutR</i> in pMAL-c5X	Ampicillin	Present study
pKD46		Ampicillin	[4]
pKD3		Chloramphenicol	[4]
pKD4		Kanamycin	[4]
pCP20		Ampicillin Chloramphenicol	[4]
pSUB11		Ampicillin	[5]

1. Hoiseth SK, Stocker BA (1982) Aromatic-dependent *Salmonella typhimurium* are non-virulent and effective as live vaccines. *Nature* 291: 238-239.
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3. Lane MC, Alteri CJ, Smith SN, Mobley HLT (2007) Expression of flagella is coincident with uropathogenic *Escherichia coli* ascension to the upper urinary tract. *Proc Natl Acad Sci* 104: 16669-16674.
4. Datsenko KA, Wanner BL (2000) One-step inactivation of chromosomal genes in *Escherichia coli* K-12 using PCR products. *Proc Natl Acad Sci* 97: 6640-6645.
5. Uzzau S, Figueiroa-Bossi N, Rubino S, Bossi L (2001) Epitope tagging of chromosomal genes in *Salmonella*. *Proc Natl Acad Sci U S A* 98(26):15264-15269.