

Table S3

Strain	Genotype/resistance/use^a	Source
CFT073	Wild-type pyelonephritis isolate (O6:K2:H1)	1
$\Delta tosR$	CFT073 <i>tosR::kan</i>	2
$\Delta csgD$	CFT073 <i>csgD::kan</i>	This study
$\Delta aufABCDEFGF$	CFT073 <i>aufABCDEFGF::kan</i>	This study
Plasmid	Relevant characteristic(s)	Reference
pBAD- <i>myc</i> -HisA	Vector carrying arabinose inducible <i>araBAD</i> promoter, Amp ^r	Invitrogen
pBAD:: <i>aufABCDEFGF</i>	<i>aufABCDEFGF</i> cloned into the NcoI and HindIII sites of pBAD- <i>myc</i> -HisA	This study
pBAD- <i>tosR</i> -His ₆	<i>tosR</i> cloned into NcoI and HindIII sites of pBAD- <i>myc</i> -HisA	2
pKD4	Vector carrying a FRT-flanked <i>kan</i> gene (Amp ^r , Kan ^r)	3
pKD46	Vector carrying phage λ Red recombinase, Amp ^r	3

^akan, kanamycin; amp, ampicillin; r, resistant.

1. Mobley HL, Green DM, Trifillis AL, Johnson DE, Chippendale GR, Lockett CV, Jones BD, Warren JW. 1990. Pyelonephritogenic *Escherichia coli* and killing of cultured human renal proximal tubular epithelial cells: role of hemolysin in some strains. *Infect Immun* 58:1281-1289.
2. Engstrom MD, Alteri CJ, Mobley HL. 2014. A conserved PapB family member, TosR, regulates expression of the uropathogenic *Escherichia coli* RTX nonfimbrial adhesin TosA while conserved LuxR family members TosE and TosF suppress motility. *Infect Immun* 82:3644-3656.
3. Datsenko KA, Wanner BL. 2000. One-step inactivation of chromosomal genes in *Escherichia coli* K-12 using PCR products. *Proc Natl Acad Sci U S A* 97:6640-6645.