

Table S5. Bacterial strains and plasmids.

Strain or Plasmid	Description	Reference/Source
<i>E. coli</i>		
F11	ExPEC (human cystitis isolate, O6:K2:H31)	[1,2]
EcS17	<i>pir</i> ⁺ donor strain	[3,4]
Plasmids		
pKM208	Encodes IPTG-inducible lambda Red recombinase; Amp ^r	[5]
pKD4	Template source for kanamycin resistance cassette; Kan ^r	[6]
pGFP-Mut3.1	Source vector for P _{lac} promoter; Amp ^r	Clontech
pSAM_Bt	Source plasmid for construction of pSAM-Ec; Amp ^r , Erm ^r	[4]
pSAM-Ec	Contains the <i>himar1C9</i> transposase gene driven by a P _{lac} promoter and a <i>mariner</i> transposon encoding a kanamycin resistance gene; Amp ^r , Kan ^r	This study
Recombinant strains		
F11/pKM208	F11 with pKM208; Amp ^r	This study
F11Δ3256	F11 <i>EcF11_3256 (typA/bipA)::kan</i> ; Kan ^r	This study
F11Δ3082	F11 <i>EcF11_3082 (mprA/emrR)::kan</i> ; Kan ^r	This study
F11Δ2628	F11 <i>EcF11_2628</i> (hypothetical):: <i>kan</i> ; Kan ^r	This study
F11Δ3933	F11 <i>EcF11_3933</i> (hypothetical):: <i>kan</i> ; Kan ^r	This study

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