

Table S1. Strains and plasmids used in this study

Strains and plasmids	Relevant characteristics	Reference / source
Strains		
<i>Escherichia coli</i>		
BW25113	<i>E. coli</i> K-12 derivative	Keio collection
BW25113 $\Delta waaC$	$\Delta waaC::KmFRT$, Km^R	Keio collection (1)
BW25113 $\Delta pagP$	$\Delta pagP::FRT$, flipping from BW25113	This study
BW25113 PcL- <i>pagP</i>	$\Delta pagP::KmFRT$ from Keio collection <i>pagP</i> with its own RBS sequence placed under the control of the <i>ampPcL</i> cassette λ_{pR} promoter; Amp^R	This study
BW25113 <i>pagP-lacZ</i>	<i>lacZzeo</i> cassette inserted on the chromosome downstream of <i>pagP</i> gene; Zeo^R	This study
BW25113 $\Delta phoP$ <i>pagP-lacZ</i>	$\Delta phoP::KmFRT$ in BW25113 <i>pagP-lacZ</i> ; Km^R Zeo^R	This study
BW25113 $\Delta evgA$ <i>pagP-lacZ</i>	$\Delta evgA::KmFRT$ in BW25113 <i>pagP-lacZ</i> ; Km^R Zeo^R	This study
BW25113 Δhns <i>pagP-lacZ</i>	$\Delta hns::KmFRT$ in BW25113 <i>pagP-lacZ</i> ; Km^R Zeo^R	This study
BW25113 $\Delta slyA$ <i>pagP-lacZ</i>	$\Delta slyA::KmFRT$ in BW25113 <i>pagP-lacZ</i> ; Km^R Zeo^R	This study
BW25113 <i>slyA-lacZ</i>	<i>lacZzeo</i> cassette inserted on the chromosome downstream of <i>slyA</i> gene; Zeo^R	This study
55989	<i>In vitro</i> and <i>in vivo</i> biofilm-forming Enteroaggregative <i>E. coli</i>	(2) (3) (4)
55989 $\Delta pagP$	$\Delta pagP::KmFRT$, Km^R	This study
55989 PcL- <i>pagP</i>	<i>pagP</i> with its own RBS sequence placed under the control of the <i>ampPcL</i> cassette λ_{pR} promoter; Amp^R	This study
O42	Enteroaggregative <i>E. coli</i>	(5)
536	Uropathogenic <i>E. coli</i>	(6)
CFT073	Uropathogenic <i>E. coli</i>	(7)
<i>Citrobacter koseri</i> U5	Clinical isolate	Lab.collection
<i>Serratia marcescens</i> SM365	Environmental isolate	V. Braun
<i>Klebsiella pneumoniae</i> LM21	Clinicate isolate; serogroup O25; ApR	(8)
<i>Klebsiella pneumoniae</i> CH994	Clinical strain isolated from bronchial sampling	C. Forestier
<i>Klebsiella pneumoniae</i> CH995	Clinical strain isolated from flat surgical drain	C. Forestier
<i>Klebsiella pneumoniae</i> CH996	Clinical strain isolated from urinary catheter	C. Forestier
<i>Pseudomonas aeruginosa</i> PA14	Clinical isolate	Lab. collection
<i>Pseudomonas aeruginosa</i> BJN8	Clinical strain isolated from catheter-related infection	V.Leflon
<i>Pseudomonas aeruginosa</i> BJN33	Clinical strain isolated from catheter-related infection	V.Leflon
<i>Pseudomonas aeruginosa</i> BJN53	Clinical strain isolated from catheter-related infection	V.Leflon
Plasmids		
pSC189	Plasmid bearing the <i>mariner</i> transposon TnSC189; R6 <i>Kori</i> ; Amp^R Km^R	(9)
pKOBEG	pSC101 ts (replicates at 30°C); <i>araC</i> , arabinose-inducible $\lambda red\gamma\beta\alpha$ operon; Cm^R	(10)
pKOBEGA	Like pKOBEG, but Amp^R	(10)
pCP20	Plasmid bearing the <i>flp</i> recombinase gene; 30°C replication; Cm^R Amp^R	(11)
pAT881	pGB2 $\Omega P_{ami}luxABCDE$	(12)
pAC24N	IPTG-inducible p_{T5-lac} promoter; Cm^R	(13)
pPagP	pCA24N $p_{T5-lac}::pagP$; Cm^R	(13)
pSlyA	pCA24N $p_{T5-lac}::slyA$; Cm^R	(13)
pBAD33	Arabinose-inducible p_{BAD} promoter; Cm^R	(14)
pBAD33- <i>hns</i>	Arabinose-inducible <i>hns</i> ; Cm^R	(15)

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