

Table S3 Strains, plasmids and primers used in this study

Strain	Genotype / Relevant characteristics	Reference
<i>E. coli</i> BL21(DE3)	F ⁻ <i>ompT gal dcm lon hsdSB (rB⁻ mB⁻)</i> λ (DE3 (<i>lacI lacUV5-T7 gene 1 ind1 sam7 nin5</i>))	Novagen
<i>E. coli</i> BL21(DE3) <i>hsIO::kan</i>	F ⁻ <i>ompT gal dcm lon hsdSB (rB⁻ mB⁻)</i> λ (DE3 (<i>lacI lacUV5-T7 gene 1 ind1 sam7 nin5</i>)) <i>hsIO::kan</i>	Cremers 2010
<i>E. coli</i> S17.1	<i>TpR SmR recA, thi, pro, hsdR-M+RP4</i> : 2-Tc:Mu: Km Tn7 λpir	Hmelo 2015
<i>P. aeruginosa</i> PA14	Wild-type PA14	Liberati 2006
<i>P. aeruginosa</i> PA14 <i>hsIO</i> ⁻	PA14 Δ <i>hsIO</i>	This study
<i>P. aeruginosa</i> PA14 <i>ppk</i> ⁻	PA14 Δ <i>ppk</i>	This study
<i>P. aeruginosa</i> PA14 <i>ppk</i> ⁻ <i>hsIO</i> ⁻	PA14 Δ <i>ppk</i> Δ <i>hsIO</i>	This study

Plasmid	Description	Source
pET11a	T7-RNA polymerase-based expression vector, Ap ^R	Novagen
pET11a <i>E. coli</i> <i>hsIO</i>	<i>E. coli</i> <i>hsIO</i> gene cloned into <i>NdeI</i> and <i>BamHI</i> sites of pET11a, Ap ^R	Cremers 2010
pET11a <i>P. aeruginosa</i> PA14 <i>hsIO</i>	PA14 <i>hsIO</i> gene cloned into <i>NdeI</i> and <i>BamHI</i> sites of pET11a, Ap ^R	This study
pEX18Gm	Gm ^r , <i>oriT</i> , <i>sacB</i> , <i>lacZα</i>	Hmelo 2015
pEX18Gm <i>hsIO</i> updownSOE	Fusion of 500 bp upstream and downstream regions of PA14 <i>hsIO</i> cloned into <i>BamHI</i> and <i>HindIII</i> sites of pEX18Gm	This study
pEX18Gm <i>ppk</i> updownSOE	Fusion of 500 bp upstream and downstream region of PA14 <i>ppk</i> cloned into <i>BamHI</i> and <i>HindIII</i> sites of pEX18Gm	This study
pET21b <i>ppk</i>	T7-RNA polymerase-based expression vector; <i>ppk</i> cloned into <i>NdeI</i> and <i>HindIII</i> sites of pET21b, Ap ^R	Gray 2014

Primer	Sequence (5' - 3')
Cloning primers	
T7fw	TAATACGACTCACTATAGGG
T7rv	GCTAGTTATTGCTCAGCGG
NdeI_fw PA14 <i>hsIO</i>	ATCCATATGTCCCATTTCAGATCAGAGCCAG
BamHI_rv PA14 <i>hsIO</i>	GTAGGATCCTCAGTGGCGGGTCTC
M13F-21	GTAAAACGACGGCCAG
M13R	CAGGAAACAGCTATGAC
BGhsIOUpFwBamHI	ATCCGGGGATCCCAGGTGGTGGGCGATCTTG
BGhsIODownrvHindIII	ATCCGGAAGCTTGCTCGATGAACAGGCAACGG
BGhsIOUpvSOE	GAAAAATCGTCAGTGGCGGGTTGAATGGGACATGCGGGACAC

BGhslODownfwSOE	ACCCGCCACTGACGATTTTTTC
SeqhslOfw	CGGTCCTTGATTTCCCACAC
SeqhslOrv	TCGAAGTTGGCGACATTGAG
BGppkUpFwBamHI	ATCCGGGGATCCATGGACGGTTCGCATCGGTG
BGppkDownrvHindIII	ATCCGGAAGCTTGAGCAGGCTTCGCGGGTG
BGppkUpvrSOE	CTACAGCCTCAACGTGCGGTCTGCGTATTCATTCATCTTCCCGA
BGppkDownfwSOE	ACCGCACGTTGAGGCTGTAG
Seqppkfw	CGGCATCCTGGATGACGATG
Seqppkrv	AAGGCGTTCTCTACGACCTG

qPCR primers

PA14_16SrRNA_fw	TATCAGATGAGCCTAGGTCCGATTA
PA14_16SrRNA_rv	TTTACAATCCGAAGACCTTCTTCAC
PA14_ibpA_fw	TTCCGTCATTCCGTAGG
PA14_ibpA_rv	AGGTCTTCTTCCTGG
PA14_rpoH_fw	AACCTGTACATGCCTTGTTCC
PA14_rpoH_rv	ATAACTCTTGGCGATATGAACAACG
PA14_dnaK_fw	GGTAACGTCAAGGTCATCGAGAA
PA14_dnaK_rv	GTCTTTCTGTACCACGTTCTCTTCG