

Table S1. Strains and plasmids used in this study

Strains and plasmids	Collection ID	Relevant characteristic	references
Strains			
<i>E. coli</i> Top10		F- mcrA Δ(mrr-hsdRMS-mcrBC) φ80lacZΔM15 ΔlacX74 nupG recA1 araD139 Δ(ara-leu)7697 galE15 galK16 rpsL(StrR) endA1 λ	Invitrogen
<i>E. coli</i> HB101		Helper strain carrying pME487	
PAO1 ATCC15692	Wild-type		47
Δ <i>pvdF</i>	PAS263	PAO1; <i>pvdF</i> chromosomally deleted	31
Δ <i>pchA</i>	PAS282	PAO1; <i>pchA</i> chromosomally deleted	21
Δ <i>pvdF</i> Δ <i>pchA</i>	PAS283	PAO1; <i>pvdF</i> and <i>pchA</i> chromosomally deleted	33
Δ <i>pvdF</i> Δ <i>pchA</i> Δ <i>pchR</i>	PAS285	PAO1; <i>pvdF</i> , <i>pchA</i> and <i>pchR</i> chromosomally deleted	48
Δ <i>pvdS</i>	PAS386	PAO1; <i>pvdS</i> chromosomally deleted	48
PAO1 <i>pchEmcherry</i>	PAS195	PAO1; <i>mcherry</i> fused to 3' of <i>pchE</i>	21
Δ <i>pvdSpchEmcherry</i>		PAO1; <i>pvdS</i> chromosomally deleted, <i>mcherry</i> fused to 3' of <i>pchE</i>	48
Δ <i>fptA</i>		PAO1; <i>fptA</i> chromosomally deleted	21
Δ <i>pvdS</i> Δ <i>fptA</i>		PAO1; <i>pvdS</i> and <i>fptA</i> chromosomally deleted	21
plasmids			
Expression plasmids			
pSEVA631		Expression plasmid carrying a Gm cassette	http://seva.cnb.csic.es
pSEVA631- <i>p(pchDFurPchR)</i>	pAYC3	Fur box of <i>fptA</i> promoter fused to <i>mcherry</i> ORF	This study
pSEVA631- <i>p(fptAFurPchR)</i>	pAYC4	Fur + PchR box of <i>fptA</i> promoter fused to <i>mcherry</i> ORF	This study
pSEVA631- <i>p(pchDFur)</i>	pAYC5	Fur box of <i>pchD</i> promoter fused to <i>mcherry</i> ORF	This study

pSEVA631-p(<i>fptAFur</i>)	pAYC6	Fur + PchR box of <i>pchD</i> promoter fused to mcherry ORF	³⁵
pSEVA631- <i>pvdF</i> promoter	pPF4	<i>pvdF</i> promoter fused to mcherry ORF	This study
pSEVA631-p(<i>pchD</i> Fur _{mut} PchR)	pAF35	pAYC5 carrying a replacement CATT in GTAA (see Figure 4)	³⁵

47 Stover C. K., Pham X. Q., Erwin A. L., Mizoguchi S. D., Warrenner P., Hickey M. J., Brinkman F. S., Hufnagle W. O., Kowalik D. J., Lagrou M., Garber R. L., Goltry L., Tolentino E., Westbrook-Wadman S., Yuan Y., Brody L. L., Coulter S. N., Folger K. R., Kas A., Larbig K., Lim R., Smith K., Spencer D., Wong G. K., Wu Z., Paulsen I. T., Reizer J., Saier M. H., Hancock R. E., Lory S., Olson M. V., Nature959-9642000

48 Guillon L., Altenburger S., Graumann P. L., Schalk I. J., PLoS One791112013
 Guillon L., Altenburger S., Graumann P. L., Schalk I. J., PLoS One 2013 e79111

Table S2. Oligonucleotides used in this study

Oligonucleotides	Sequences 5'-3'	Used for the following construct
<i>Cloning</i>		
fptA Fur Box Fwd	ATATATGAATT <u>CGGTCGTCGTCGC</u> CAGAGC	pAYC3
fptA Fur Box Rev	CCATGTTA TCCTCCTCGC CCTTGCTCAC CAT CAGGTTT TCCTGTAGCC CGGG	pAYC3
fptA PchR Box & Fur Box Fwd	CAAAGAATT <u>CGGGCGAGGAAAGTTCCGCGAC</u> G	pAYC4
fptA PchR Box & Fur Box Rev	CATGTTATCCTCCTCGCCCTTGCTCACCATCG TTCGAACAGCCTCGGGG	pAYC4
pchD Fur Box Fwd	CAAAGAATT <u>CGAAACGCCGAAGAATTTCTCC</u> CCTC	pAYC6
pchD Fur box Rev	GAAGGCATAA CTGGAACCCT CGATGGTGAG CAAGGGCGAG GAGGATAACA TGG	pAYC6
pvdF Fwd	ATATATGAATT CCTGGCGCAG GCTTTCG	pPF4
pvdF Rev	CCATGTTA TCCTCCTCGC CCTTGCTCAC CAT TTCATCATTCCAGGAGTGG	pPF4
mCHERRY Fwd	GTGAGCAAGGGCGAGGAGGATAACATG	pAYC and pPF series
mcherry hindIII rev	CTCCAAGCTTTTACTTGTACAGCTCGTCCATG CCGC	pAYC and pPF series
<i>qRT-PCR</i>		
FpvR F1	GGTCGAACTGGACCTCAATAC	
FpvR R1	CGTGGGTGACATGGAAGTAG	
PvdS F1	CAGGCGCTCGAACAGAAATA	
PvdS R1	CGTAGTTGATGTGCGAGGTT	
FpvI F1	CAGATCGCCGAACATCTCAATA	

FpvI R1	CACCCGACAGTGCTTCATC
uvrD F	CTACGGTAGCGAGACCTACAACAA
uvrD R	GCGGCTGACGGTATTGGA
PvdA R qRT	TGGTATTCGCGCAGCAAAC
PvdA F qRT	CGCCGAAGTTCACCGATCT
fpvA F qRT	AGCCGCCTACCAGGATAAGC
fpvA R qRT	TGCCGTAATAGACGCTGGTTT
fptA F qRT	GCGCCTGGGCTACAAGATC
fptA R qRT	CCGTAGCGGTTGTTCCAGTT
fptX F qRT	CCCTGGGTGGTCAAGTTCCT
fptX R qRT	CGGCGCGACCAGTGA
pvdJ F qRT	CGTGGCCGCGATATGG
pvdJ R qRT	CTCTTCAGGCTGACTTCGATACC
pchE F qRT	GGCAATGGCAAGGTCGAT
pchE R qRT	CACCGGGCGTTTGAGAAC
qRT-PCR-PchR-Fw	CGGCTTTCGCAAGGTGTT
qRT-PCR-PchR-Rv	AGGCGGTATTCCTGCAGGTA

Table S3

range OD₆₀₀	Growth conditions		
OD	no additives 0.25-0.3	0,5 μM iron 0.6-0.7	5 μM iron 1-1.1
OD	Desferrioxamine (0-10 mM) 0.2-0.3	Deferasirox (0-4 mM) 0.1-0.3	
OD	exjade (0-1 mM) in $\Delta pvdS\Delta fptA$ 0.01-0.3		