

Table S1 Strains and plasmids used in this study.

Strain/plasmid	Description	Source
Strain		
<i>P. aeruginosa</i> PAO1	Wild type	ATCC 15692
Pa Δ <i>pilB</i>	Mutant of <i>P. aeruginosa</i> PAO1 in which <i>pilB</i> was deleted	This study
PAO1-pBBR5	Expression of the empty vector pBBR5 in <i>P. a. eruginosa</i> PAO1	This study
Pa Δ <i>pilB</i> -pBBR5	Expression of the empty vector pBBR5 in Pa Δ <i>pilB</i>	This study
PAO1-gp21	Expression of gp21 gene in <i>P. aeruginosa</i> PAO1	This study
<i>E. coli</i> BL21(DE3)	Cloning strain	Novagen
<i>E. coli</i> S17-1	RP4 derivative integrated in chromosome	Teng ^a
<i>E. coli</i> DH5 α	Cloning strain	Novagen
Plasmid		
pBBR1MCS5	Km ^r , mob+, pBBR1 replicon, cloning vector	Kovach ^b
pBBR-gp21	pBBR1MCS5 containing gp21 from phage vB Pae QDWS 211102	Our lab
pK18mobsacBtet	Km ^r and Tet ^r , <i>sacB</i> , RP4 oriT, ColE1 ori; suicide vector	This study
pK18mobsacB _{tet} - Δ <i>pilB</i>	Km ^r and Tet ^r , sucrose sensitive, <i>pilB</i> -disrupted vector	This study

^a Teng F, Murray BE, Weinstock GM. 1998. Conjugal transfer of plasmid DNA from *Escherichia coli* to enterococci: a method to make insertion mutations. *Plasmid* 39:182–186. doi:10.1006/plas.1998.1336.

^b Kovach ME, Elzer PH, Hill DS, Robertson GT, Farris MA, Roop RM 2nd, Peterson KM. 1995. Four new derivatives of the broad-host-range cloning vector pBBR1MCS, carrying different antibiotic-resistance cassettes. *Gene*. 166:175-176.

Table S2 Primers used in this study.

Primers	Sequence (5'-3')	Usage
pilB-delete-1	GCTATGACATGATTACGAATTGCCTCACCCCTCTGA ACGAA	Flanking up region for <i>pilB</i> disruption
pilB-delete-2	CCAGGCTGGTCACCAGCGACAGCTTGTT	
pilB-delete-3	GTCGCTGGTGACCAGCCTGGAGGAAGTC	Flanking down region for <i>pilB</i>
pilB-delete-4	CCCGGGTACCGAGCTCGAATTGGAGAAGTTGAG CTGCATGC	disruption
pilB-test-1	CGCCTGAACCTCAACAAGCA	<i>pilB</i> disruption identified
pilB-test-2	GTCGAACGATTGCAGGAGG	
gp21-1	CACAGGAAACAGCTATGACCATGAAGATTGCGAA AGTCCCATAACC	Construction of
gp21-2	GACTCACTATAGGGCGAATTCATACTTTGACTCC TACCTGTCTG	pBBR5-gp21
pBBR5 -1	AATTGCGCCCTATAGTGAGTCG	
pBBR5 -2	GGTCATAGCTGTTTCCTGTGTG	
qPCR-rplS-1	ATACCGTGATCGTCCAGGTC	
qPCR- rplS- 2	GGCTGTAGGTCTGGAAGGTA	
qPCR-lasI-1	AAGTTGCGTGCTCAAGTGTT	
qPCR-lasI-2	ATCGAGAATTCGCCAGCAAC	
qPCR-rhII-1	TATTCTGGTCCAGCCTGCAA	
qPCR-rhII-2	GTCTCGCCCTTGACCTTCT	
qPCR-pqsR-1	AAGATCTCCCCTTCAACCA	
qPCR- pqsR-2	CTGATCTGCCGGTAATTGGC	
qPCR-fimU-1	TTCACCCTGATCGAGTTGCT	
qPCR- fimU-2	TGCTTGAAGTTCGGAATGGC	
qPCR-pilV-1	CAGGGCAAGACCATCCAGTA	
qPCR- pilV-2	TGGCCTGAAGAAGTCGGAT	Primers for RT- qPCR
qPCR- pilW-1	GTGGAAGCTTCGTGCAACA	
qPCR- pilW-2	GATCCAATCGTCCAGGGTCT	
qPCR- pilX -1	CCGAATACGGCAACCTGATG	
qPCR- pilX-2	GTTTCGCTGTTGGTCTGGTT	
qPCR- pilY1 -1	TCGAGCTTCAGGGTGTCTTT	
qPCR- pilY1-2	GATCACGATGTAGCCCTTGC	
qPCR- pilA -1	CTGTTGAAGAGTCGCTGTCTG	
qPCR- pilA-2	ACACCCAACTTGTGGCATC	
qPCR- pilB-1	GACAAGTCCACCCAAGAGGA	
qPCR- pilB-2	CTTCTCGTAGGGCTCGAAGT	
qPCR- pilE -1	CAAGACAGAAGGGCTTCACG	
qPCR- pilE-2	TTGGAGCGGATCACGTAGTT	