

Bacterial strains, plasmids and primers used in this study

Strains		Relevant feature(s)	Source or reference
A. baumannii strains	ATCC 17978	Wild-type strain	ATCC
	$\Delta ompA$	Derived from ATCC 17978. <i>ompA</i> mutant obtained by <i>kan^r</i> gene replacement	This study
	17978CR (LPS defect)	Induced colistin resistant ATCC 17978	[1]
E. coli strains	BL21 (DE3) pLysS	<i>F⁻ ompT gal dcm lon hsdS_B(r_B⁻ m_B⁻) λ(DE3) pLysS(Cam^r)</i>	Novagen
	BL21 OmpA	BL21 (DE3) pLysS carrying plasmid pET23a-OmpA	This study
	XL1 blue	<i>recA1 endA1 gyrA96 thi-1 hsdR17 supE44 relA1 lac [F' proAB lacI^qZAM15 Tn10 (Tet^r)]</i>	Stratagene
	S17-1 (ATCC 47055)	<i>thi pro hsdR hsdM recA[RP42-Tc::Mu-Km::Tn7 (Tp^rSm^r)Tra⁺]</i>	ATCC
	S17-1 ompA	S17-1 carrying plasmid pEX18Tc-OmpAUD-Kan	This study
Plasmids		Relevant feature(s)	Source or reference
pET23a		Subcloning vector with a T7 promoter, N-terminal T7 tag and C-terminal 6xHis tag; <i>amp^r</i>	Novagen
pET23a-OmpA		pET23a carrying <i>Acinetobacter baumannii</i> ATCC 17978 A1S_2840	This study
pEX18Tc		Suicide vector, containing <i>sacB</i> , Tc ^r	
pEX18Tc-OmpAUD-Kan		pEX18Tc containing <i>ompA</i> upstream and downstream fragments joined by <i>kan^r</i> cassette	This study
Primers		Relevant feature(s)	Source or reference
ompA5'F		ATATG <u>T</u> CGACACCACCCATAGCAGTACGAG	This study
ompA5'R		ATATG <u>G</u> ATCCTTGTTGTTCAAGCTCAGCCT	This study
ompA3'F		ATATG <u>G</u> TACCTACGATGTTGAGCACGAGGT	This study
ompA3'R		ATAAG <u>A</u> GCTCGACGCCATTGAACGGAA	This study

	AGT	
ompA int F	CCAACACAACAATGGCGGTA	This study
ompA int R	TCTACTACAGGAGCAGCAGG	This study
ompAExF	ATATGAATTCTACTTTCCAAGACAGC CA	This study
ompAExR	ATATGCGGCCGCTTGAGCTGCTGCAGGA GCTG	This study
kanF	ATATGGATCCCCGGAATTGCCAGCTGGG GC	This study
kanR	ATATGGTACCTCAGAAGAACTCGTCAAG AA	This study

1. Kuo HY, Chang KC, Kuo JW, Yueh HW, Liou ML (2012) Imipenem: a potent inducer of multidrug resistance in *Acinetobacter baumannii*. Int J Antimicrob Agents 39: 33-38.