

Table S5 - Antibiotic resistance genes in *A. baumannii* AB6870155 predicted by CARD

RGI_	gene	ARO_Term	SNP	Location	AMR_Gene_Family	Drug_Class	Resistance_Mechanism	%ID_Matching	%Length_Reference	Detection_Criteria
Strict	<i>ant1_1</i>	ANT(3'')-IIc		chromosome	ANT(3'')	aminoglycos	antibiotic inact	69.77	101.16	protein homolog m
Strict	<i>ampC_1</i>	ADC-10		chromosome	ADC beta-lactamase w	cephalospori	antibiotic inact	98.45	100	protein homolog m
Perfect	<i>ampC_2</i>	Acinetobacter bauma		chromosome	ampC-type beta-lactam	cephalospori	antibiotic inact	100	100	protein homolog m
Perfect	<i>bla (eggn)</i>	OXA-69		chromosome	OXA beta-lactamase	cephalospori	antibiotic inact	100	100	protein homolog m
Perfect	<i>abaQ</i>	Acinetobacter bauma		chromosome	major facilitator superl	fluoroquinol	antibiotic efflu	100	100	protein homolog m
Strict	<i>parC</i>	Acinetobacte S84L, V1		chromosome	fluoroquinolone resista	fluoroquinol	antibiotic targ	100	100	protein variant moc
Strict	<i>gyrA</i>	Acinetobacte S81L		chromosome	fluoroquinolone resista	fluoroquinol	antibiotic targ	99.78	100	protein variant moc
Perfect	<i>oqxB7</i>	adeF		chromosome	resistance-nodulation-	fluoroquinol	antibiotic efflu	100	100	protein homolog m
Perfect	<i>mdtE</i>	adeG		chromosome	resistance-nodulation-	fluoroquinol	antibiotic efflu	100	100	protein homolog m
Strict	<i>ttgC</i>	adeH		chromosome	resistance-nodulation-	fluoroquinol	antibiotic efflu	99.79	99.79	protein homolog m
Strict	<i>dmlR_5</i>	adeL		chromosome	resistance-nodulation-	fluoroquinol	antibiotic efflu	99.7	101.78	protein homolog m
Strict	<i>abaF_2</i>	Acinetobacter bauma		chromosome	major facilitator superl	fosfomycin	antibiotic efflu	99.77	100	protein homolog m
Perfect	<i>srrA</i>	adeR		chromosome	resistance-nodulation-	glycylcycline,	antibiotic efflu	100	100	protein homolog m
Strict	<i>oprM_2</i>	adeC		chromosome	resistance-nodulation-	glycylcycline,	antibiotic efflu	97.2	100	protein homolog m
Perfect	<i>smvA</i>	Acinetobacter bauma		chromosome	major facilitator superl	macrolide ar	antibiotic efflu	100	100	protein homolog m
Perfect	<i>emrE_1</i>	abeS		chromosome	small multidrug resista	macrolide ar	antibiotic efflu	100	100	protein homolog m
Perfect	<i>oprM_1</i>	adeK		chromosome	resistance-nodulation-	macrolide ar	antibiotic efflu	100	100	protein homolog m
Perfect	<i>acrA</i>	adeI		chromosome	resistance-nodulation-	macrolide ar	antibiotic efflu	100	100	protein homolog m
Strict	<i>mexB_1</i>	adeJ		chromosome	resistance-nodulation-	macrolide ar	antibiotic efflu	99.91	100	protein homolog m
Strict	COJEPEN	adeN		chromosome	resistance-nodulation-	macrolide ar	antibiotic efflu	99.08	100	protein homolog m
	<i>folP_1*</i>			chromosome		sulfonamide				
	<i>folP_2*</i>			pAB0155_1		sulfonamide				
	<i>cat_1*</i>			chromosome		chloramphenicol				
	<i>cat_2*</i>			pAB0155_2		chloramphenicol				
	<i>craA*</i>			chromosome		chloramphenicol				
	<i>ampR*</i>			pAB0155_1		cephalosporin				
	<i>kanR*</i>			pAB0155_1		kanamycin				

<i>smR</i> *	pAB0155_1	
<i>emrE_2</i> *	pAB0155_1	multidrug
<i>tetR</i> *	pAB0155_1	tetracycline
<i>tetA_2</i> *	pAB0155_1	tetracycline
<i>merR</i> *	pAB0155_1	mercury
<i>merC</i> *	pAB0155_1	mercury
<i>merA</i> *	chromosome	mercury
<i>aacC1</i> *	pAB0155_1	aminoglycoside

*resistance associated genes within AB6870155 not identified by CARD

[illegible]