Table S2. Strains & Plasmids used in this study

Strain or Plasmid	Genotype or Description	Reference
Acinetobacter baylyi		
Strain ADP1	Wild type strain	[1]
A. baumannii		
ATCC 17978	*A. baumannii* type strain	[2]
Strain AB5075	Multidrug resistant clinical isolate	[3]
AB5075 Δ*ptk*	AB5075 harboring in-frame deletion of ABUW_3833	This work
AB5075 Δ*kef*	AB5075 harboring in-frame deletion of ABUW_1595	This work
AB5075 Δ*kefF*	AB5075 harboring in-frame deletion of ABUW_2590	This work
AB5075 Δ*mscS*	AB5075 harboring in-frame deletion of ABUW_1648	This work
AB5075 Δ*otsB*	AB5075 harboring in-frame deletion of ABUW_3122	This work
AB5075 rseP::Tn	AB5075 harboring a transposon insertion in ABUW_1740	[4]
AB5075 Δ*trkH*	AB5075 harboring in-frame deletion of ABUW_1804	This work
AB5075 typA::Tn	AB5075 harboring a transposon insertion in ABUW_0655	[4]
AB5075 Δ*uspA*	AB5075 harboring in-frame deletion of ABUW_1763	This work
AB5075 uvrD::Tn	AB5075 harboring a transposon insertion in ABUW_2521	[4]
AB5075 znuB::Tn	AB5075 harboring a transposon insertion in ABUW_3743	[4]
AB5075 Δ*alkR*	AB5075 harboring in-frame deletion of ABUW_2196	This work
AB5075 Δ2544	AB5075 harboring in-frame deletion of ABUW_2544	This work
AB5075 Δ2236	AB5075 harboring in-frame deletion of ABUW_2236	This work
AB5075 Δ*bfmS*	AB5075 harboring in-frame deletion of ABUW_3180	This work
AB5075 Δ*gigA*	AB5075 harboring in-frame deletion of ABUW_3260	This work

Table S2. Strains & Plasmids used in this study (continued)

Strain	Description	Reference
AB5075 Δ*gigB*	AB5075 harboring in-frame deletion of ABUW_3261	This work
AB5075 Δ*gigC*	AB5075 harboring in-frame deletion of ABUW_3161	This work
AB5075 Δ*gigD*	AB5075 harboring in-frame deletion of ABUW_1755	This work
AB5075 Δ1966	AB5075 harboring in-frame deletion of ABUW_1966	This work
AB5075 Δ2520	AB5075 harboring in-frame deletion of ABUW_2520	This work
AB5075 Δ*zur*	AB5075 harboring in-frame deletion of ABUW_3741	This work
AB5075::Tn7	AB5075 harboring a hygromycin resistance gene at the Tn7 attachment site	This work
ptk::Tn7	AB5075 Δ*ptk* harboring the Tn7-hygromycin cassette at the Tn7 attachment site	This work
ptk::Tn7C	AB5075 Δ*ptk* harboring the Tn7-hygromycin cassette and a WT copy of the *ptk* gene at the Tn7 attachment site	This work
*gigC::*Tn7	AB5075 Δ*gigC* harboring the Tn7-hygromycin cassette at the Tn7 attachment site	This work
*gigC::*Tn7C	AB5075 Δ*gigC* harboring the Tn7-hygromycin cassette and a WT copy of the *gigC* gene at the Tn7 attachment site	This work
*gigD::*Tn7	AB5075 Δ*gigD* harboring the Tn7-hygromycin cassette at the Tn7 attachment site	This work
*gigD::*Tn7C	AB5075 Δ*gigD* harboring the Tn7-hygromycin cassette and a WT copy of the *gigD* gene at the Tn7 attachment site	This work
rseP::Tn7	AB5075 *rseP*::Tn harboring the Tn7-hygromycin cassette at the Tn7 attachment site	This work
rseP::Tn7C	AB5075 *rseP*::Tn harboring the Tn7-hygromycin cassette and a WT copy of the *rseP* gene at the Tn7 attachment site	This work
typA::Tn7	AB5075 *typA*::Tn harboring the Tn7-hygromycin cassette at the Tn7 attachment site	This work
typA::Tn7C	AB5075 *typA*::Tn harboring the Tn7-hygromycin cassette and a WT copy of the *typA* gene at the Tn7 attachment site	This work
uspA::Tn7	AB5075 Δ*uspA* harboring the Tn7-hygromycin cassette at the Tn7 attachment site	This work

Table S2. Strains & Plasmids used in this study (continued)

Strain	Description	Reference
uspA::Tn7C	AB5075 Δ*uspA* harboring the Tn7-hygromycin cassette and a WT copy of the *uspA* gene at the Tn7 attachment site	This work
E. coli		
DH5α	*supE44 ΔlacU169 (φ80lacZΔM15) hsdR17 recA1 endA1 gyrA96 thi-1 relA1*	Lab Strain
DH5α (λpir)	DH5α (λpir)	[5]
LW264	LW211Tri^R (Tn::7 Kn$^+$) by P1 transduction from S17-1, KnS λ_{imm434}	L. A. Wiater
HB101	F$^-$ *mcrB mrr hsdS20(r_B^- m_B^-) recA13 leuB6 ara-14 proA2 lacY1 galK2 xyl-5 mtl-1 rpsL20(Sm^R) glnV44* λ$^-$	[6]
Plasmids		
pLAW344	*sacB* MCS *oriT*(RK2) *Cm*^{R} *loxP oriR*(ColE1) Amp^R *loxP*	[7]
pXDC77	*oriR*(ColE1), Amp^R, source Tetracycline Resistance gene for pMJG42	Gift, X. Charpentier
pMJG42	pLAW344 with tetracycline resistance cassette from pXDC77 was inserted in place of Cm^r gene	This Work
pUC18T-miniTn7T-hyg-luciferase	*oriR*(ColE1), Amp^R, Hygromycin^R, luciferase, miniTn7 base vector	[8]
pMJG111	pUC18T-miniTn7T-hyg-luciferase digested with BamHI/HindIII, Filled in with Klenow and self ligated to remove luciferase cassette	This work
pMMB207	Cm^R, *oriR*(RSF1010)	[9]
pLLA14B	pGEMTeasy.Tpn Mar – source of apramycin cassette	Gift, X. Charpentier
pMJG120	pMMB207 was digested with DraI and ligated to the apramycin cassette from pLLA14B	This Work

Table S2. Strains & Plasmids used in this study (continued)

References

1. Smith MA, Weaver VB, Young DM, Ornston LN. Genes for Chlorogenate and Hydroxycinnamate Catabolism (*hca*) Are Linked to Functionally Related Genes in the *dca-pca-qui-pob-hca* Chromosomal Cluster of *Acinetobacter* sp. Strain ADP1. Applied and Environmental Microbiology. 2003;69(1):524-32.

2. Smith MG, Gianoulis TA, Pukatzki S, Mekalanos JJ, Ornston LN, Gerstein M, et al. New insights into *Acinetobacter baumannii* pathogenesis revealed by high-density pyrosequencing and transposon mutagenesis. Genes & development. 2007;21(5):601-14.

3. Jacobs AC, Thompson MG, Black CC, Kessler JL, Clark LP, McQueary CN, et al. AB5075, a Highly Virulent Isolate of *Acinetobacter baumannii*, as a Model Strain for the Evaluation of Pathogenesis and Antimicrobial Treatments. MBio. 2014;5(3):e01076-14.

4. Gallagher LA, Ramage E, Weiss EJ, Radey M, Hayden HS, Held KG, et al. Resources for genetic and genomic analysis of emerging pathogen *Acinetobacter baumannii*. J Bacteriol. 2015.

5. Kolter R, Inuzuka M, Helinski DR. Trans-complementation-dependent replication of a low molecular weight origin fragment from plasmid R6K. Cell. 1978;15(4):1199-208.

6. Boyer HW, Roulland-Dussoix D. A complementation analysis of the restriction and modification of DNA in *Escherichia coli*. J Mol Biol. 1969;41(3):459-72.

Table S2. Strains & Plasmids used in this study (continued)

7. Wiater LA, Sadosky AB, Shuman HA. Mutagenesis of *Legionella pneumophila* using Tn903 dll*lacZ*: identification of a growth-phase-regulated pigmentation gene. Molecular microbiology. 1994;11(4):641-53.

8. Choi KH, Gaynor JB, White KG, Lopez C, Bosio CM, Karkhoff-Schweizer RR, et al. A Tn7-based broad-range bacterial cloning and expression system. Nature methods. 2005;2(6):443-8.

9. Morales VM, Backman A, Bagdasarian M. A series of wide-host-range low-copy-number vectors that allow direct screening for recombinants. Gene. 1991;97(1):39-47.