

Table S1: Strains and plasmids used in this study

Strain or plasmid	Relevant characteristic(s) ^a	Reference/source
<i>P. aeruginosa</i>		
Wild type	PAO1 wild type	Laboratory collection
<i>ΔczcA</i>	PAO1 <i>ΔczcA</i>	(Perron et al., 2004)
<i>ΔcadA</i>	PAO1 <i>ΔcadA</i>	This study
<i>ΔczcAΔcadA</i>	PAO1 <i>ΔczcAΔcadA</i>	This study
<i>ΔczcD</i>	PAO1 <i>ΔczcD</i>	This study
<i>ΔyiiP</i>	PAO1 <i>ΔyiiP</i>	This study
<i>ΔczcDΔyiiP</i>	PAO1 <i>ΔczcDΔyiiP</i>	This study
<i>ΔczcR</i>	PAO1 <i>ΔczcR</i>	This study
<i>ΔcadR</i>	PAO1 <i>ΔcadR</i>	This study
PT1108	PAO1 carrying the constitutive CzcS(V194L) mutation	(Perron et al., 2004)
<i>E. coli</i>		
DH5α	recA1, endA1, hsdR17, deoR, thi-1, supE44, gyrA96, relA1, Δ(lacZYA-argF), U169(φ80dlacZΔM15)	(Sambrook, 2001.)
BL21(DE3)	E. coli str. B F- ompT gal dcm lon hsdSB(rB-mB-) λ(DE3 [lacI lacUV5-T7p07 ind1 sam7 nin5]) [malB+]K-12(λS)	(Studier et al., 1990)
Plasmids		
pME3087	Suicide plasmid, CoIE1 replicon; Tc ^r	(Wenner et al., 2014)
pME6001	pME6000 derivative plasmid; Gm ^r	(Blumer et al., 1999)
pME6001- <i>cada</i>	pME6000 derivative , carrying the <i>zntA</i> gene under its own promoter; Gm ^r	This study
pME6001- <i>cadR</i>	pME6000 derivative , carrying the <i>zntR</i> gene under its own promoter; Gm ^r	This study
pBBR1- <i>gfp</i>	Transcriptional <i>gfp</i> fusion cloning vector; Ap ^r , Cb ^r	(Ouahrani-Bettache et al., 1999)
<i>czcCBA ::gfp</i>	pBBR1 derivative , carrying the <i>czcCBA</i> promoter; Ap ^r , Cb ^r	This study
<i>cadA ::gfp/ pWT</i>	pBBR1 derivative , carrying the <i>cadA</i> wild type promoter; Ap ^r , Cb ^r	This study
p-2	pBBR1 derivative, carrying the <i>cadA</i> promoter with a 2 nucleotides deletion in the CadR box; Ap ^r , Cb ^r	This study
p-IR	pBBR1 derivative, carrying the <i>cadA</i> promoter deleted for the CadR box; Ap ^r , Cb ^r	This study
pGex-2T- <i>cadR</i>	GST-fusion expression plasmid	This study

^aAntibiotic resistance are indicated by r: Ap, ampicillin, Gm, gentamicin; Tc, tetracycline; Cb, carbenicillin.

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