S5 Table: Bacterial strains used in this study

Unique ID	Relevant features	Reference
	***Escherichia coli* strains**	
ANG127	XL1-Blue- Cloning strain; TetR –	Stratagene
ANG191	Protein expression strain –BL21(DE3)	Novagen
ANG1858	XL1-Blue pET28b-His-*dacA$_{CD}$*; KanR	This study
ANG1865	BL21 (DE3) pET28b-His-*dacA$_{CD}$*; KanR	This study
ANG3994	XL1-Blue pET28b-*glmM*-His; KanR	This study
ANG3997	BL21 (DE3) pET28b-*glmM*-His; KanR	This study
ANG4319	XL1-Blue pET28b-His-*dacA$_{CD}$*-K; KanR	This study
ANG4320	BL21 (DE3) pET28b-His-*dacA$_{CD}$*-K; KanR	This study
ANG4321	XL1-Blue pET28b-His-*dacA$_{CD}$*-C; KanR	This study
ANG4322	BL21 (DE3) pET28b-His-*dacA$_{CD}$*-C; KanR	This study
ANG4066	XL1-Blue pBAD33; CamR	[1]
ANG4120	XL1-Blue pBAD33-*dacA*; CamR	This study
ANG4121	XL1-Blue pBAD33-*dacA-ybbR*; CamR	This study
ANG4122	XL1-Blue pBAD33-*dacA-ybbR-glmM*; CamR	This study
ANG4263	XL1-Blue pBAD33-*dacA-no-ybbR-glmM*; CamR	This study
ANG5168	XL1-Blue p*Trc*His60	[2]
ANG5169	XL1-Blue pMLJ4 (GlmM-His *E. coli*), AmpR	[3]
ANG5171	XL1-Blue pMLJ11 (GlmM-His *S. aureus*), AmpR	Mengin-Lecreulx
ANG5172	XL1-Blue pMLD137 (GlmM-His *P. aeruginosa*), AmpR	[4]
ANG5174	XL1-Blue pBAD33-*dacA*, p*Trc*His60; CamR, AmpR	This study
ANG5175	XL1-Blue pBAD33-*dacA* pMLJ4 (GlmM-His *E. coli*), CamR, AmpR	This study
ANG5177	XL1-Blue pBAD33-*dacA* pMLJ11 (GlmM-His *S. aureus*), CamR, AmpR	This study
ANG5178	XL1-Blue pBAD33-*dacA* pMLD137 (GlmM-His *P. aeruginosa*), CamR, AmpR	This study
	Staphylococcus aureus strains	
AH1263	LAC* – ANG1575	[5]

Antibiotics were used at the following concentrations: Tetracycline (TetR) 10 μg/ml, Kanamycin (KanR) 30 μg/ml, Ampicillin (AmpR) 100 μg/ml, Chloramphenicol (CamR) 20 μg/ml

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