Strains	Relevant features	Reference
P. aeruginosa		
PAO1	Wild-type *Pseudomonas aeruginosa*	Holloway Collection
Δ*siaA*	PAO1 with a 6 bp deletion in *siaA*	[1]
Δ*siaB*	PAO1 with a markerless *loxP*-site insertion in *siaB* (PA0171)	This study
Δ*siaC*	PAO1 with a markerless *loxP*-site insertion in *siaC* (PA0170)	This study
Δ*siaD*	PAO1 with a markerless *res*-site insertion in *siaD* (KO0169)	[1]
PW1292	MPAO1 with transposon phoAwp091G03 inserted at bp 311 of the coding region of the *siaB* gene[	[2]
PW1290	MPAO1 with transposon phoAwp09q2A10 inserted at bp 181 of the coding region of the *siaC* gene	[2]
E. coli		
DH5α	*fhuA2 lac(del)U169 phoA glnV44 Φ80' lacZ(del)M15 gyrA96 recA1 relA1 endA1 thi-1 hsdR17*	[3]
S17-λpir	Tp^r Sm^r *recA, thi, pro, hsdR*-M^+RP4: 2-Tc:Mu: Km^r Tn7 λpir	[4]
BL21(DE3) Rosetta T1R	*E. coli* str. B F^- *ompT gal dcm lon* $hsdS_B(r_B^-m_B^-)$ λ(DE3 [*lacI lacUV5-T7p07 ind1 sam7 nin5*]) $[malB^+]_{K\text{-}12}(\lambda^S)$ *tonA*	NTU Protein Production Plattform
Plasmids		
pCR2.1	TOPO TA cloning plasmid, Amp^r, Kan^r	Invitrogen
pBBR	Broad host range expression plasmid pBBR1MCS-5, Gm^r	[5]
pJEM1	Rhamnose inducible broad host range expression plasmid, Kan^r	[6]
pNIC28-BSA4	Protein production plasmid, N-terminal His6, TEV-cleavable MHHHHHHSSGVDLGTENLYFQ*SM, Kan^r	[7]
pNIC-CTHF	Protein production plasmid, Cleavable C-terminal His6-FLAG tag, Kan^r	[7]
pNIC[SiaA]	pNIC28-BSA4 harbouring the partial *siaA* gene (C-terminal phosphatase domain from amino acid 386-663) for the production of a N-terminal His6-TEV-SiaA allele (SiaA-PP2C).	This study
pNIC[SiaB]	pNIC28-BSA4 for the production of a N-terminal His6-TEC SiaB allele	This study
pNIC[SiaC]	pNIC28-BSA4 for the production of a N-terminal His6-TEV-SiaC allele	This study
pJEM[SiaC]	pJEM1 harbouring the *siaC* gene for the production of a N-terminal His6-TEV-SiaC allele in *Pseudomonas aeruginosa* strains	This study
pCre1	Plasmid for the expression of Cre recombinase	[8]
Phage		
E79tv2	Generalised transducing phage	[9]

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