Table S2. Bacterial strains and plasmids used for this study

Strain	Description	Sources
Escherichia coli		
DH5a	Cloning host for plasmid propagation; lacks of restriction endonucleases (recA1, endA1 mutations)	Grant et al. (1990)
SY327 λpir	Harboring host for maintaining pEMG; contains the *pir* gene and *recA* for R6K origin replication	Miller and Mekalanos (1988)
Pseudomonas putida		
KT2440	Derived from mt-2 strain by removal of the pWW0 plasmid	Nelson et al. (2002)
KT2440 Δ*mazEF*	KT2440 deleted *mazE* and *mazF* genes	This work
Plasmid		
pEMG	Suicide plasmid for gene deletion; contains R6Kγ origin and I-SceI sites, lacks *sacB*; Km^R	Martínez-García and de Lorenzo (2011)
pEMG-*mazEF* Ts1-Ts2	pEMG derivative carrying *mazEF* flanking regions (Ts1–Ts2) for *mazEF* gene deletion; Km^R	This work
pSW-I	Helper plasmid for site-specific recombination; expresses I-SceI endonuclease under 3MBz-inducible XylS/Pm promoter; Amp^R	Wong and Mekalanos (2000)
pSEVA658	Broad-host-range plasmid with RSF1010 origin and 3MBz-inducible XylS/Pm promoter; Gm^R	Martínez-García et al. (2015)
pSEVA658-mazF	pSEVA658 encoding *mazF* for functional analysis of MazF activity; Gm^R	This work
pSEVA234-GFP-N	pSEVA234 derivative encoding non-protected (original) *egfp* gene; Km^R	Park et al. (2025)
pSEVA234-GFP-P	pSEVA234 derivative carrying *egfp* gene protected from MazF; Km^R	This work
pSEVA63-Hvio	pSEVA63 derivative encoding vioA (constitutively expressed) and vioBCDE (inducible) genes for violacein production under control of the LuxR/Plux expression system; Gm^R	Darlington et al. (2018)

pSEVA231-LuxR-N/Plux_GFP-N	pSEVA231 derivative encoding non-protected (original) *egfp* gene under control of the LuxR/Plux expression system; Km^R	This work
pSEVA231- LuxR-P/Plux_GFP-P	pSEVA231 derivative carrying *egfp* gene protected from MazF under control of the LuxR/Plux expression system; Km^R	This work

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