Table S1. Strains used in this study.

Strain	Relevant genotype or description	Source or reference
DH5α	*supE44 ΔlacU169 hsdR17 recA1 endA1 gyrA96 thi-1 relA1*	Lab stock
SM10(λ pir)	*thi thr leu tonA lacY supE recA*::RP4-2-Tc::Mu Km λpir	Lab stock
PAO1-UW	*lacI*$^{q+}$ delta(*lacZ*)M15^{+} *tetA*$^{+}$ *tetR*$^{+}$	ATCC 47085
PAO1-DSM		(1)
OP107	PAO1 *Δsmc* ΔGm	(2)
OP109	PAO1 *ΔmksB* ΔGm	(2)
OP113	PAO1 *ΔmksB Δsmc* ΔGm	(2)
OP121	PAO1 *mksB::mksB-GFP* Gm FRT	This study
OP123	PAO1 *smc::smc-GFP* Gm FRT	This study
OP130	PAO1 *ΔsspB*	(2)
OP435	PAO1 *ΔparB Δsmc*	This study
OP441	PAO1 *ΔparB ΔmksB*	This study
OP475	PAO1 *ΔsspB Δsmc ΔparB*	This study
OP489	PAO1 *ΔsspB ΔmksB ΔparB*	This study
OP132	PAO1 *ΔsspB mksB::mksB*-DAS4 ΔGm	(2)
OP498	PAO1 *ΔsspB smc::smc*-DAS4 ΔGm	This study
OP501	PAO1 *ΔsspB ΔparB smc::smc*-DAS4 ΔGm	This study
OP508	PAO1 *ΔsspB ΔparB mksB::mksB*-DAS4 ΔGm	This study
OP505	PAO1 *ΔsspB ΔparB ΔmksB smc::smc*-DAS4 ΔGm	This study
OP440	PAO1 *ΔsspB ΔparB Δsmc mksB::mksB*-DAS4 ΔGm	This study
OP506	PAO1 *ΔsspB ΔparB smc::smc*-DAS4 *mksB::mksB*-DAS4 ΔGm	This study

OP579	PAO1 *smc::smc-mVenus* tetO-PA0069 + pPSV35Ap-TetR-mCherry	This study
OP385	PAO1 *mksB::mksB-gfp* tetO-PA0069 + pPSV35Ap-TetR-mCherry	This study
OP461	PAO1 tetO-PA0069 + pPSV35Ap-TetR-mCherry	This study
OP462	PAO1 *⊿mksB* tetO-PA0069 + pPSV35Ap-TetR-mCherry	This study
OP457	PAO1 *⊿smc* PA0069 + pPSV35Ap-TetR-mCherry	This study
OP465	PAO1 *⊿smc ⊿mksB* tetO-PA0069 + pPSV35Ap-TetR-mCherry	This study
OP493	PAO1 *⊿mksB ⊿parB ⊿smc (merodeploid)*	This study
OP487	PAO1 *⊿smc ⊿parB ⊿mksB (merodeploid)*	This study
OP578	PAO1 ∆*mexGHID (merodiploid)*	This study
OP579	PAO1 *ΔmksB ΔparB smc::smc-GFP* Gm FRT	This study
OP580	PAO1 *Δsmc ΔparB mksB::mksB-GFP* Gm FRT	This study
OP581	PAO1 *⊿mksB::mksB* tetO-PA0069 + pPSV35Ap-TetR-mCherry	This study
OP582	PAO1 *⊿smc ⊿mksB::mksB* tetO-PA0069 + pPSV35Ap-TetR-mCherry	This study
OP560 (P∆6)	PAO1 *⊿mexAB-oprM ⊿mexCD-oprJ ⊿mexXY ⊿mexEF-oprN ⊿triABC ⊿mexJK*	This study
OP562 (P∆6Pore)	PAO1 *⊿mexAB-oprM ⊿mexCD-oprJ ⊿mexXY ⊿mexEF-oprN ⊿triABC ⊿mexJK FhuA*	This study
OP570	P∆6Pore *⊿parB*	This study
OP573	P∆6Pore *⊿parB ⊿smc*	This study
OP575	P∆6Pore *⊿parB ⊿mksB*	This study
OP583	P∆6Pore *⊿mksB*	This study

OP584	PΔ6Pore *Δsmc*	This study
OP585	PΔ6Pore *ΔmksB Δsmc*	This study
BKB170	PAO1 *ΔmksB* tetO-PA0069 + pPSV35Ap-TetR-CFP	This study
BKB243	PAO1 *ΔmksB* tetO-PA0460 + pPSV35Ap-TetR-CFP	This study
BKB260	PAO1 *ΔmksB* tetO-PA0716 + pPSV35Ap-TetR-CFP	This study
BKB175	PAO1 *ΔmksB* tetO-PA0981 + pPSV35Ap-TetR-CFP	This study
BKB271	PAO1 *ΔmksB* tetO-PA1436 + pPSV35Ap-TetR-CFP	This study
BKB286	PAO1 *ΔmksB* tetO-PA1673 + pPSV35Ap-TetR-CFP	This study
BKB250	PAO1 *ΔmksB* tetO-PA1905 + pPSV35Ap-TetR-CFP	This study
BKB174	PAO1 *ΔmksB* tetO-PA2258 + pPSV35Ap-TetR-CFP	This study
BKB212	PAO1 *ΔmksB* tetO-PA2910 + pPSV35Ap-TetR-CFP	This study
BKB287	PAO1 *ΔmksB* tetO-PA3035 + pPSV35Ap-TetR-CFP	This study
BKB238	PAO1 *ΔmksB* tetO-PA3267 + pPSV35Ap-TetR-CFP	This study
BKB171	PAO1 *ΔmksB* tetO-PA3573 + pPSV35Ap-TetR-CFP	This study
BKB213	PAO1 *ΔmksB* tetO-PA4457 + pPSV35Ap-TetR-CFP	This study
BKB279	PAO1 *ΔmksB* tetO-PA5099 + pPSV35Ap-TetR-CFP	This study
BKB326	PAO1 *Δsmc* tetO-PA0069 + pPSV35Ap-TetR-mCherry	This study
BKB336	PAO1 *Δsmc* tetO-PA0460 + pPSV35Ap-TetR-mCherry	This study
BKB328	PAO1 *Δsmc* tetO-PA0716 + pPSV35Ap-TetR-mCherry	This study
BKB329	PAO1 *Δsmc* tetO-PA0981 + pPSV35Ap-TetR-mCherry	This study
BKB337	PAO1 *Δsmc* tetO-PA1436 + pPSV35Ap-TetR-mCherry	This study
BKB338	PAO1 *Δsmc* tetO-PA1905 + pPSV35Ap-TetR-mCherry	This study
BKB315	PAO1 *Δsmc* tetO-PA2258 + pPSV35Ap-TetR-mCherry	This study
BKB314	PAO1 *Δsmc* tetO-PA2910 + pPSV35Ap-TetR-mCherry	This study

BKB320	PAO1 ⊿*smc* tetO-PA3267 + pPSV35Ap-TetR-mCherry	This study
BKB321	PAO1 ⊿*smc* tetO-PA3573 + pPSV35Ap-TetR-mCherry	This study
BKB312	PAO1 ⊿*smc* tetO-PA4457 + pPSV35Ap-TetR-mCherry	This study
BKB339	PAO1 ⊿*smc* tetO-PA5099 + pPSV35Ap-TetR-mCherry	This study

Supplemental References

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