

**Table S2.** Plasmids used in this study.

Plasmids	Description	Genomic location	Source or reference
pP30D-FRT-TetO-0069	Insertion of <i>tetO</i> repeats at 12h (0.16h)	PA0069	(1)
pP30D-FRT-TetO-0460	Insertion of <i>tetO</i> repeats at 1h (0.99h)	PA0460	(2)
pP30D-FRT-TetO-0716	Insertion of <i>tetO</i> repeats at 1.5h (1.51h)	PA0716	(2)
pP30D-FRT-TetO-0981	Insertion of <i>tetO</i> repeats at 2h (2.04h)	PA0981	(1)
pP30D-FRT-TetO-1436	Insertion of <i>tetO</i> repeats at 3h (2.99h)	PA1436	(2)
pP30D-FRT-TetO-1673	Insertion of <i>tetO</i> repeats at 3.5h (3.50)	PA1673	This study
pP30D-FRT-TetO-1905	Insertion of <i>tetO</i> repeats at 4h (3.98h)	PA1905	(2)
pP30D-FRT-TetO-2258	Insertion of <i>tetO</i> repeats at 5h (4.76h)	PA2258	(1)
pP30D-FRT-TetO-2910	Insertion of <i>tetO</i> repeats at 6h (5.75h)	PA2910	(2)
pP30D-FRT-TetO-3035	Insertion of <i>tetO</i> repeats at 6.5h (6.51h)	PA3035	(2)
pP30D-FRT-TetO-3267	Insertion of <i>tetO</i> repeats at 7h (6.99h)	PA3267	(2)
pP30D-FRT-TetO-3573	Insertion of <i>tetO</i> repeats at 8h (7.67h)	PA3573	(1)
pP30D-FRT-TetO-4457	Insertion of <i>tetO</i> repeats at 10h (9.6h)	PA4457	(2)
pP30D-FRT-TetO-5099	Insertion of <i>tetO</i> repeats at 11h (10.99h)	PA5099	(2)
pPSV35Ap-TetR-CFP	Expression of TetR-CFP		This study

pPSV35Ap-TetR- mCherry	Expression of TetR-mCherry	This study
pFLP2	Site-specific excision vector	(3)
pEXG2	Allele exchange vector, Gm <sup>R</sup> , sucrose counterselection	(4)
pEXG2- $\Delta$ <i>sspB</i>	<i>sspB</i> deletion vector	(4)
pEXG2- $\Delta$ <i>parB</i>	<i>parB</i> deletion vector	This study
pEX18AP	Allele exchange vector, Amp <sup>R</sup> , sucrose counterselection	(3)
pEX18Ap- $\Delta$ <i>smc</i>	<i>smc</i> deletion vector	(5)
pEX18Ap- $\Delta$ <i>mksB</i>	<i>mksB</i> deletion vector	(5)
pEX- $\Delta$ <i>mksB</i> :: <i>mksB</i>	Reinsertion of <i>mksB</i> into endogenous locus	This study
pEX18AP- $\Delta$ <i>mexAB</i> - <i>oprM</i>	<i>mexAB-oprM</i> deletion vector	This study
pEXG2- $\Delta$ <i>mexCD</i> - <i>oprJ</i>	<i>mexCD-oprJ</i> deletion vector	This study
pEXG2- $\Delta$ <i>mexXY</i>	<i>mexXY</i> deletion vector	This study
pEXG2- $\Delta$ <i>mexEF</i> - <i>oprN</i>	<i>mexEF-oprN</i> deletion vector	This study
pEXG2- $\Delta$ <i>mexJK</i>	<i>mexJK</i> deletion vector	This study
pEXG2- $\Delta$ <i>triABC</i>	<i>triABC</i> deletion vector	This study
pGK-LAC- <i>fhuA</i> $\Delta$ C/ $\Delta$ L	FhuA insertion vector	(6)
pEX18AP- <i>smc-gfp</i>	<i>smc-gfp</i> tagging vector	This study
pEX18AP- <i>mksB-gfp</i>	<i>mksB-gfp</i> tagging vector	This study
pBAD- <i>mVenus</i>	Source of <i>mVenus</i> gene	Addgene
pEX18AP- <i>smc</i> - <i>mVenus</i>	<i>smc-mVenus</i> tagging vector	This study
pEX18AP- <i>mksB</i> - DAS4	<i>mksB-DAS4</i> tagging vector	(5)
pEX18AP- <i>smc</i> - DAS4	<i>smc-DAS4</i> tagging vector	This study

## Supplemental References

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4. Castang S, McManus HR, Turner KH, Dove SL. 2008. H-NS family members function coordinately in an opportunistic pathogen. Proc Natl Acad Sci U S A 105:18947-52.
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