

**Table S1. Bacteria and Plasmids used in this study**

<b>S. Tm strains</b>	<i>Lab-internal strain ID</i>	<i>Relevant characteristics</i>		<i>Reference</i>
<i>S. Tm</i> <sup>WT</sup>	SB300	<i>S. Tm</i> strain SL 1344, Strep <sup>R</sup>		(? )
<i>S. Tm</i> <sup>WT</sup>	MA6118	<i>S. Tm</i> wild type strain SL 1344, Strep <sup>R</sup>		(? )
<i>S. Tm</i> <sup>ΔPh</sup> ΔpRSF1010	MA7891	MA6118, ΔGifsy-1 ΔGifsy-2 ST64B::aphT, SopEΦ::cat, ΔpRSF1010-SL 1344, Kan <sup>R</sup> , Cm <sup>R</sup>		(? )
<i>S. Tm</i> <sup>ΔPh</sup>	LPN27-1	MA7891, pRSR1010-SL 1344, Strep <sup>R</sup> , Kan <sup>R</sup> , Cm <sup>R</sup>		(? )
<i>S. Tm</i> <sup>lysST::T7 pol</sup>	SJB34	SB300, ST64B ( <i>SL 1344_1955</i> - <i>SL 1344_1957</i> ::T7 gene 1 aphT, Strep <sup>R</sup> , Kan <sup>R</sup>		This study
<i>S. Tm</i> <sup>WT 028</sup>	ATCC 14028s	Wild type		(? )
<i>S. Tm</i> <sup>WT 028</sup> p2	NO1	ATCC 14028s, plasmid p2 Δ <i>oriT-NikA</i> ::cat		This study
<i>S. Tm</i> <sup>WT 028</sup> p2 <sup>cured</sup>	NO8	ATCC 14028s, cured of plasmid p2 Δ <i>oriT-NikA</i> ::cat		This study
<i>S. Tm</i> <sup>WT 028</sup> Δ <i>Gif1,2,3</i>	MA6052	ATCC 14028s Δ <i>Gifsy-1,-2,-3</i>		(? )
<i>S. Tm</i> <sup>WT 028</sup> Δ <i>Gif1,2,3</i> p2	NO2	MA6052, plasmid p2 Δ <i>oriT-NikA</i> ::cat		This study
<i>S. Tm</i> <sup>WT 028</sup> Δ <i>Gif1,2,3</i> p2 <sup>cured</sup>	NO9	MA6052, cured of plasmid p2 Δ <i>oriT-NikA</i> ::cat		This study
<i>S. Tm</i> <sup>WT 028</sup> Δ <i>Ph</i>	MA7549	ATCC 14028s, Δ <i>Gifsy-1,-2,-3</i> , Δ <i>ST64B</i>		(? )
<i>S. Tm</i> <sup>WT 028</sup> Δ <i>Ph</i> p2	NO3	MA7549, plasmid p2, Δ <i>oriT-NikA</i> ::cat		This study
<i>S. Tm</i> <sup>WT 028</sup> Δ <i>Ph</i> p2 <sup>cured</sup>	NO10	MA7549, cured of plasmid p2, Δ <i>oriT-NikA</i> ::cat		This study
<b><i>E. coli</i> strains</b>				
<i>E. coli</i> <sup>DH5α</sup>	DH5α	<i>F</i> <sup>-</sup> , Φ80 <i>lacZ</i> Δ <i>M15</i> , Δ( <i>lacZYA-argF</i> ), <i>U169</i> , <i>recA1</i> , <i>endA1</i> , <i>hsdR17</i> ( <i>r<sub>k</sub></i> <sup>-</sup> , <i>m<sub>k</sub></i> <sup>+</sup> ), <i>phoA</i> , <i>supE44</i> , <i>thi-1</i> , <i>gyrA96</i> , <i>relA1</i> , λ <sup>-</sup>		Invitrogen
<i>E. coli</i> <sup>MG1655</sup>	MG1655	<i>E. coli</i> K12 wild type strain MG1655, <i>F</i> , λ, <i>ilvG</i> , <i>rfb-50</i> , <i>rph-1</i>		(? )
<i>E. coli</i> <sup>BL21(DE3)</sup>	BL21 (DE3)	BL21 (DE3), <i>B F</i> <sup>-</sup> <i>dcm ompT hsdS</i> ( <i>rB</i> <sup>-</sup> <i>mB</i> <sup>-</sup> ) <i>gal I</i> ( <i>DE3</i> )		Stratagene
<b>Plasmids</b>				
	<i>Lab-internal plasmid number</i>	<i>Copy number</i>	<i>Relevant characteristics</i>	<i>Reference</i>
	pWKS30	low	pSC101 origin of replication, Amp <sup>R</sup>	(? )
	pKD46	low	λ Red-expression under control of pBAD, temperature-sensitive, Amp <sup>R</sup>	(? )
	pWRG7	medium	Promoterless <i>sfGFP-aphT</i> lambda red template vector, Kan <sup>R</sup>	(? )
	pWRG435	medium	<i>P<sub>rprsM</sub> tag rfp T, oriT, mobA</i> Amp <sup>R</sup>	(? )
	pCP20	low	<i>FLP</i> <sup>+</sup> , λ <i>cl857</i> <sup>+</sup> , λ <i>p<sub>R</sub> Rep<sup>ts</sup></i> , Amp <sup>R</sup> , Cm <sup>R</sup>	(? )
	pM946	low	<i>ori pSC101</i> , pWKS30 cured of <i>P<sub>lac</sub></i> , <i>P<sub>T7</sub> gfpmut3b</i> , Amp <sup>R</sup>	(? )
	pM955	low	<i>ori pSC101</i> , pWKS30 cured of <i>P<sub>lac</sub></i> , Amp <sup>R</sup>	This study
<i>p<sup>Pcib</sup> gfp</i>	pM1437	medium	<i>ori pBR322, ori F1, P<sub>cib</sub>::gfpmut2</i> , Amp <sup>R</sup>	(? )
<i>p<sup>PT7 sfGFP</sup></i>	pJLG1	low	pM955, <i>P<sub>T7</sub>::sfGFP</i> , Amp <sup>R</sup>	This study
<i>p<sup>T7 Pol</sup></i>	pJLG2	low	p2795, <i>T7 gene 1 aphT</i> , Amp <sup>R</sup> , Kan <sup>R</sup>	This study
	pSJB26	low	pM955, <i>P<sub>T7</sub>::tag rfp T</i> , Amp <sup>R</sup>	This study
<i>p<sup>PT7 rfp Pcib</sup> gfp</i>	pSJB28	low	pSJB26, <i>P<sub>T7</sub>::tag rfp T, P<sub>cib</sub>::gfpmut2</i> , Amp <sup>R</sup>	This study
p2		low	pColIB Δ <i>oriT nikA</i> ::cat of <i>S. Tm</i> M1407	(? )