

TABLE S1 Strains and plasmids used in this study

Strain or plasmid	Relevant properties	Source
<i>E. coli</i> strains		
DH5- α	F' <i>endA1 hsdR17 supE44 thi-1 recA1 gyrA96 relA1</i> $\Delta(\argF-lacZYA)$ U169(Φ 80 <i>lacDM15</i>)	Promega
CC118 (λ <i>pir</i>)	$\Delta(\ara-leu)$ <i>araD</i> $\Delta lacX74$ <i>galE galK phoA20 thi-1 rpsE</i> <i>rpoB argE(Am) recA1</i> λ <i>pir</i>	(1)
S17-1 (λ <i>pir</i>)	Tp ^f Sm ^r <i>recA, thi, pro, r_K⁻ m_K⁺ RP4:2-Tc:MuK_m Tn7</i> λ <i>pir</i>	(2)
MC4100	[<i>araD139</i>]B/r $\Delta(\argF-lac)169$, λ -, <i>e14-</i> , <i>flhD5301</i> , $\Delta(\textit{fruK-yeiR})725(\textit{fruA25})$, <i>relA1</i> , <i>rpsL150(strR)</i> , <i>rbsR22</i> , $\Delta(\textit{fimB-fimE})632(::IS1)$, <i>deoC1</i>	(3)
<i>V. cholerae</i> strains		
FY_Vc_1	<i>Vibrio cholerae</i> O1 El Tor A1552, smooth variant, Rif ^r	(4)
FY_Vc_3	Fy_Vc_1, $\Delta lacZ$, Rif ^r	
FY_Vc_4507	Fy_Vc_1, $\Delta lonA$, Rif ^r	This study
FY_Vc_9789	FY_Vc_4507, $\Delta lonA$ Tn7:: <i>lon</i> , Rif ^r	This study
FY_Vc_9569	Fy_Vc_1, $\Delta hcp-1$, $\Delta hcp-2$	(3)
FY_Vc_9735	Fy_Vc_9569, Tn7:: <i>hcp-1</i>	(3)
FY_Vc_9737	Fy_Vc_9569, Tn7:: <i>hcp-2</i>	(3)
FY_Vc_5869	FY_Vc_1, pBBRlux, Rif ^r , Cm ^r	This study
FY_Vc_10006	FY_Vc_4507, pBBRlux, Rif ^r , Cm ^r	This study
FY_Vc_5871	FY_Vc_1, pFY_950, Rif ^r , Cm ^r	This study
FY_Vc_10007	FY_Vc_4507, pFY_950, Rif ^r , Cm ^r	This study
FY_Vc_7128	FY_Vc_1, pFY_989, Rif ^r , Cm ^r	This study
FY_Vc_10008	FY_Vc_4507, pFY_989, Rif ^r , Cm ^r	This study
FY_Vc_7130	FY_Vc_1, pFY_988, Rif ^r , Cm ^r	This study
FY_Vc_10009	FY_Vc_4507, pFY_988, Rif ^r , Cm ^r	This study
FY_Vc_7126	FY_Vc_1, pFY_1049, Rif ^r , Cm ^r	This study

FY_Vc_10010	FY_Vc_4507, pFY_1049, Rif ^r , Cm ^r	This study
FY_Vc_9988	FY_Vc_1, pFY_1040, Rif ^r , Cm ^r	This study
FY_Vc_10011	FY_Vc_4507, pFY_1040, Rif ^r , Cm ^r	This study
FY_Vc_9336	FY_Vc_1, pFY_1038, Rif ^r , Cm ^r	This study
FY_Vc_10012	FY_Vc_4507, pFY_1038, Rif ^r , Cm ^r	This study
FY_Vc_9338	FY_Vc_1, pFY_951, Rif ^r , Cm ^r	This study
FY_Vc_10013	FY_Vc_4507, pFY_951, Rif ^r , Cm ^r	This study
Plasmids		
pBBRlux	<i>luxCDABE</i> -based promoter fusion vector, Cm ^r	(5)
pFY_950	pBBRlux, 498 bp <i>vpsL</i> promoter, Cm ^r	(6)
pFY_989	pBBRlux, 317 bp <i>vpsR</i> promoter, Cm ^r	This study
pFY_988	pBBRlux, 583 bp <i>vpsT</i> promoter, Cm ^r	This study
pFY_1049	pBBRlux, 258 bp <i>hapR</i> promoter, Cm ^r	This study
pFY_1040	pBBRlux, 397 bp <i>hcp2</i> promoter, Cm ^r	This study
pFY_1038	pBBRlux, 514 bp <i>ctxA</i> promoter, Cm ^r	This study
pFY_951	pBBRlux, 527 bp <i>tcpA</i> promoter, Cm ^r	This study
pGP704- <i>sacB28</i>	pGP704 derivative; <i>mobI oriT sacB</i> , Ap ^r	G. Schoolnik
pFY_596	pGP704- <i>sac28::Δlon</i> , Ap ^r	This study
pFY_720	pGP704::mTn7, Ap ^r Gm ^r	(7)
pFY_3488	pGP704::mTn7- <i>lon</i> , Ap ^r Gm ^r	This study
pUX-BF13	oriR6K helper plasmid, <i>mobI oriT</i> , provides the Tn7 transposition function <i>in trans</i> , Amp ^r	(7)

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