

Table S1. Strains used in this study

Strain Name	Genotype	Reference
G37	Wild-type	ATCC 33530
σ^{20} :Ch	<i>cat</i> , MG_428:mcherry	Torres-Puig <i>et al.</i> , 2015
RecA:Ch	<i>cat</i> , MG_339:mcherry	Torres-Puig <i>et al.</i> , 2015
RrlA:Ch	<i>cat</i> , MG_220:mcherry	This work
RrlB:Ch	<i>cat</i> , MG_RS02200:mcherry	This work
ORF192.1	<i>cat</i> , <i>orf192.1</i> :mcherry	This work
MG427:Ch	<i>cat</i> , MG_427:mcherry	This work
RrlA:Ch Δ MG_428	<i>cat</i> , MG_220:mcherry, Δ MG_428:: <i>tetM</i>	This work
RrlB:Ch Δ MG_428	<i>cat</i> , MG_RS02200:mcherry, Δ MG_428:: <i>tetM</i>	This work
RrlA:Ch Δ MG_428 Tn σ^{20}	<i>cat</i> , MG_220:mcherry, Δ MG_428:: <i>tetM</i> , MG_281::TnPacMG_428	This work
RrlB:Ch Δ MG_428 Tn σ^{20}	<i>cat</i> , MG_RS02200:mcherry, Δ MG_428:: <i>tetM</i> , MG_339::TnPacMG_428	This work
σ^{20} :Ch Δ rriA	<i>cat</i> , MG_428:mcherry, Δ MG_220:: <i>tetM</i>	This work
σ^{20} :Ch Δ rriB	<i>cat</i> , MG_428:mcherry, Δ MG_220:: <i>tetM</i>	This work
σ^{20} :Ch Δ rriA TnrriA	<i>cat</i> , MG_428:mcherry, Δ MG_220:: <i>tetM</i> , TnPacMG_220	This work
σ^{20} :Ch Δ rriB TnrriB	<i>cat</i> , MG_428:mcherry, Δ MG_220:: <i>tetM</i> , TnPacMG_RS02200	This work
RecA:Ch Δ rriA	<i>cat</i> , MG_339:mcherry, Δ MG_220:: <i>tetM</i>	This work
RecA:Ch Δ rriB	<i>cat</i> , MG_339:mcherry, Δ MG_RS02200:: <i>tetM</i>	This work
RecA:Ch Δ MG_390	<i>cat</i> , MG_339:mcherry, Δ MG_390:: <i>tetM</i>	This work
RecA:Ch Δ MG_414	<i>cat</i> , MG_339:mcherry, Δ MG_414:: <i>tetM</i>	This work
RecA:Ch Δ rriA TnrriA	<i>cat</i> , MG_339:mcherry, Δ MG_220:: <i>tetM</i> , TnPacMG_220	This work
RecA:Ch Δ rriB TnrriB	<i>cat</i> , MG_339:mcherry, Δ MG_RS02200:: <i>tetM</i> , TnPacMG_RS02200	This work
G37 Tn σ^{20} :YFP	MG_343::TnPacMG_428:yfp	This work
σ^{20} :Ch Tn σ^{20} :YFP	<i>cat</i> , MG_428:mcherry, MG_343::TnPacMG_428:yfp	This work
RecA:Ch Tn σ^{20} :YFP	<i>cat</i> , MG_339:mcherry, MG_343::TnPacMG_428:yfp	This work
RecA:Ch Tn σ^{20} :YFP Δ rriA	<i>cat</i> , MG_339:mcherry, MG_343::TnPacMG_428:yfp, Δ MG_220:: <i>tetM</i>	This work
RecA:Ch Tn σ^{20} :YFP Δ rriB	<i>cat</i> , MG_339:mcherry, MG_343::TnPacMG_428:yfp, Δ MG_RS02200:: <i>tetM</i>	This work
RecA:Ch Tn σ^{20} :YFP TnrriA	<i>cat</i> , MG_428:mcherry, MG_343::TnPacMG_428:yfp, Tn <i>TetMMG_220</i>	This work
RecA:Ch Tn σ^{20} :YFP TnrriB	<i>cat</i> , MG_428:mcherry, MG_343::TnPacMG_428:yfp, Tn <i>TetMMG_RS02200</i>	This work
Δ MG_428	Δ MG_428:: <i>tetM</i>	Torres-Puig <i>et al.</i> , 2015
Δ rriA	Δ MG_220:: <i>tetM</i>	Torres-Puig <i>et al.</i> , 2015
Δ rriB	Δ MG_RS02200:: <i>tetM</i>	Torres-Puig <i>et al.</i> , 2015
Δ recA	Δ MG_339:: <i>tetM</i>	This work
Δ MG_191	Δ MG_191:: <i>tetM</i>	Burgos <i>et al.</i> , 2006
Δ MG_192	Δ MG_192:: <i>tetM</i>	Burgos <i>et al.</i> , 2006
P110-WT	Δ MG_192:: <i>tetM</i> , <i>tetM</i> ::TnPacP110-WT	This work
Up σ^{20}	Δ MG_428:: <i>tetM</i> , MG_281::Tn <i>CatMG_428</i>	Torres-Puig <i>et al.</i> , 2015
Δ rriA Tn σ^{20}	Δ MG_220:: <i>tetM</i> , MG_281::Tn <i>CatMG_428</i>	This work
Δ rriB Tn σ^{20}	Δ MG_RS002200:: <i>tetM</i> , MG_281::Tn <i>CatMG_428</i>	This work
Δ recA Tn σ^{20}	Δ MG_339:: <i>tetM</i> , Tn <i>CatMG_428</i> (pool)	This work