

Table S1. List of the strains and plasmids used and constructed in this study.

Strains	Genotype	References
<i>M. tuberculosis</i>		
TB79	Conditional mutant <i>Pptr::esx-3</i> derived by TB38	Serafini, et al. 2009
TB38	TetR-Pip system in L5 <i>attB</i> site derived by H37Rv	Boldrin et al. 2010
<i>M. smegmatis</i>		
mc ² 155	Wild type	Laboratory stock
MS190	<i>esx-3</i> null mutant	This study
MS192	<i>esx-3</i> null mutant with pJV53 plasmid	This study
MS195	<i>esx-3/xfbA</i> null mutant	This study
MS197	<i>xfbA</i> null mutant	This study
MS81.1	mc ² 155 with pJV53 plasmid	Laboratory stock
Plasmids		
p2NIL	Suicide vector for mycobacteria OriE (Kan ^R)	Parish and Stoker, 2000
pGOAL19	OriE; <i>LacZ SacB</i> genes; (Amp ^R ; Hygro ^R)	Parish and Stoker, 2000
pAL70	OriE; <i>dif</i> cassette (Hygro ^R)	Cascioferro et al., 2010
pJV53	Replicative vector for mycobacteria. OriE; OriM; recombinant protein gp60-gp61 of the Che9c mycobacteriophage (Kan ^R)	Van Kessel and Hatfull, 2007
pCR-BluntII-TOPO	OriE (Zeo ^R ; Kan ^R)	Invitrogen
pAGN25	Suicide vector derived from p2NIL OriE (Kan ^R)	This study
pAGN27	Suicide vector derived by pAGN25 OriE; <i>LacZ SacB</i> genes; (Amp ^R ; Hygro ^R)	This study
pAGN29	Derived by pCR-BluntII-TOPO OriE (Zeo ^R ; Kan ^R)	This study
pAGN30	Derived by pAGN29 OriE <i>LacZ SacB</i> (Zeo ^R ; Kan ^R Hygro ^R)	This study

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