

**Table S2. Plasmids used in this work for bacterial-two-hybrid or expression protein**

Plasmid	Relevant features	Reference or source
pBT-Rv1495	Rv1495 gene cloned in pBT	This work
pBT-Rv1495-N56	The N-terminal 171bp of Rv1495 gene cloned in pBT	This work
pBT-Rv1495-N28	The N-terminal 87 bp of Rv1495 gene cloned in pBT	This work
pET-Rv1495	Rv1495 gene cloned in pET	This work
pET-Rv1495-N56	The N-terminal 171bp of Rv1495 gene cloned in pET	This work
pGEX-Rv1495	Rv1495 gene cloned in pGEX	This work
pMind-Rv1495	Rv1495 gene cloned in pMind	This work
pMind-Rv1495-N(29-56)	The fragment 85-171bp of Rv1495 gene cloned in pMind	This work
pTRG-MtbTopA	Rv3646c gene cloned in pTRG	This work
pTRG-NTD	The N-terminal 1863bp of Rv3646c gene cloned in pTRG	This work
pTRG-CTD	The C-terminal 939bp of Rv3646c gene cloned in pTRG	This work
pET-MtbTopA	Rv3646c gene cloned in pET	This work
pET-NTD	The N-terminal 1863bp of Rv3646c gene cloned in pET	This work
pET-CTD	The C-terminal 939bp of Rv3646c gene cloned in pET	This work
pTRG-MsmTopA	MSMEG_6157 gene cloned in pTRG	This work
pET-MsmTopA	MSMEG_6157 gene cloned in pET	This work
pBT-Rv0054	Rv0054 gene cloned in pBT	This work
pTRG-Rv0054	Rv0054 gene cloned in pTRG	This work
pET-Rv0054	Rv0054 gene cloned in pET	This work