

Table S2. Mycobacterial gene expression plasmids used in this study

Plasmid name	Characteristics	Source
pML	pML1335 derivative lacking the <i>xyIE</i> marker and used as empty vector control	[85]
pML- <i>crt</i>	pML derivative carrying <i>MKAN_RS10020</i> to <i>MKAN_RS10050</i> , including the upstream intergenic region containing P1 promoter region	This study
pML- <i>crtE</i>	pML derivative carrying P1 promoter region- <i>MKAN_RS10020</i> fragment	This study
pML- <i>crtI</i>	pML derivative carrying P1 promoter region + <i>MKAN_RS10025</i> coding region fragment	This study
pML- <i>crtB</i>	pML derivative carrying P1 promoter region + <i>MKAN_RS10030</i> coding region fragment	This study
pML- <i>crtYc</i>	pML derivative carrying P1 promoter region + <i>MKAN_RS10035</i> coding region fragment	This study
pML- <i>crtYd</i>	pML derivative carrying P1 promoter region + <i>MKAN_RS10040</i> coding region fragment	This study
pML ^{myc} - <i>crtYd</i>	pML derivative carrying Pmyc1 promoter + <i>MKAN_RS10040</i> fragment	This study
pML- <i>crtR</i>	pML derivative carrying P3 promoter region- <i>MKAN_RS10050</i> fragment	This study
pML- <i>cco1</i> ^{Mk-part} - <i>ccoR</i> ^{Mk}	pML derivative carrying <i>MKAN_RS18575</i> - <i>MKAN_RS18580</i> (partial)	This study
pML ^{myc} - <i>cco1</i> ^{Mk}	pML derivative carrying Pmyc1 promoter- <i>MKAN_RS18580</i> fragment	This study
pML ^{myc} - <i>cco1</i> ^{Mt}	pML derivative carrying Pmyc1 promoter- <i>Rv0654</i> fragment	This study
pML- <i>cco1</i> ^{Mk}	pML derivative carrying native promoter region- <i>MKAN_RS18580</i> fragment	This study
pML- <i>cco1</i> ^{Mt}	pML derivative carrying native promoter region- <i>Rv0654</i> fragment	This study
pML- <i>ccoR</i> ^{Mk}	pML derivative carrying native promoter region- <i>MKAN_RS18575</i> fragment	This study
pML- <i>ccoR</i> ^{Mt}	pML derivative carrying native promoter region- <i>Rv0653c</i> fragment	This study
pML- <i>fnr1</i>	pML derivative carrying native promoter region- <i>MKAN_RS20530</i> fragment	This study
pML- <i>desA3</i>	pML derivative carrying native promoter region- <i>MKAN_RS20535</i> fragment	This study
pCP0h	pCP0 derivative carrying its native kanamycin resistance cassette and the hygromycin resistance cassette (HpaI-PmeI fragment) from pML1335 inserted into the DraI restriction site of the vector	This study