

Species	Strain code	reference	Notes
<i>Mycobacterium canettii</i>	STB-A	[48]	
<i>Mycobacterium canettii</i>	STB-D	[48]	
<i>Mycobacterium canettii</i>	STB-J	[48]	
<i>Mycobacterium canettii</i>	STB-K	[48]	
<i>Mycobacterium canettii</i>	STB-L	[48]	
<i>Mycobacterium bovis</i>	CVL AF2122/97	<a href="http://genolist.pasteur.fr/BoviList">http:// genolist.pasteur.fr/ BoviList</a>	
<i>Mycobacterium caprae</i>	140080001		Pasteur strain collection
<i>Mycobacterium orygis</i>	802564	[56]	Pasteur strain collection
<i>Mycobacterium pinnipedii</i>	140090001		Pasteur strain collection
<i>Mycobacterium bovis</i> BCG	BCG Pasteur	[5,6]	
<i>Mycobacterium bovis</i> BCG	BCG Danish	[5,6]	
<i>Mycobacterium bovis</i> BCG	BCG Tice	[5,6]	
<i>Mycobacterium bovis</i> BCG	BCG Tokyo	[5,6]	
<i>Mycobacterium bovis</i> BCG	BCG Russia	[5,6]	
<i>Mycobacterium bovis</i> BCG	BCG38	This study	BCG Danish - pMV:: <i>ppe38-71</i>
CDC1551			
CDC1551 $\Delta$ mt2419-22	<i>Appe38-71</i>	[37]	
CDC1551 $\Delta$ mt0458	<i>Appe10</i>	This study	
CDC1551 $\Delta$ mt2419-22, pMV:: <i>ppe38-71</i>	<i>Appe38-71-C</i>	[37]	<i>Appe38-71</i> -pMV:: <i>ppe38-71</i>
CDC1551 <i>eccC5::tn</i>	<i>eccC5::tn</i>	BEI resources & [57]	BEI resources strain: JHU1783-2086 / Transposon Mutant 1291 (MT1844, Rv1795) (BEI ID NR-14751)
H37Rv wild-type			Reference strain
H37Rv <i>Appe25-pe19</i>	<i>Appe25-pe19</i>	[76]	
MT13848		[51]	Clinical strain, Sublineage Mn
MT5531		[51]	Clinical strain, Sublineage Mj-III.a
MT4854		[51]	Clinical strain, Sublineage Mj-III.b
MT140		[51]	Clinical strain, Sublineage Mj-IV.c
MT4884		[51]	Clinical strain, Sublineage Mj-V.a
MT3000		[51]	Clinical strain, Sublineage Mj-V.c
BCG:: <i>RD5</i>		[16]	BCG Pasteur containing cosmid pYUB:: <i>RD5</i>

**S5 Table. Bacterial strains used in this study**