

Supplementary Materials:

The following are available online at <https://www.mdpi.com/article/10.3390/vaccines10010040/s1>, Figure S1: Macroscopic appearance of BCG substrains cultures grown on Sauton media, Table S1: List of primers used in qRT-PCR assays.

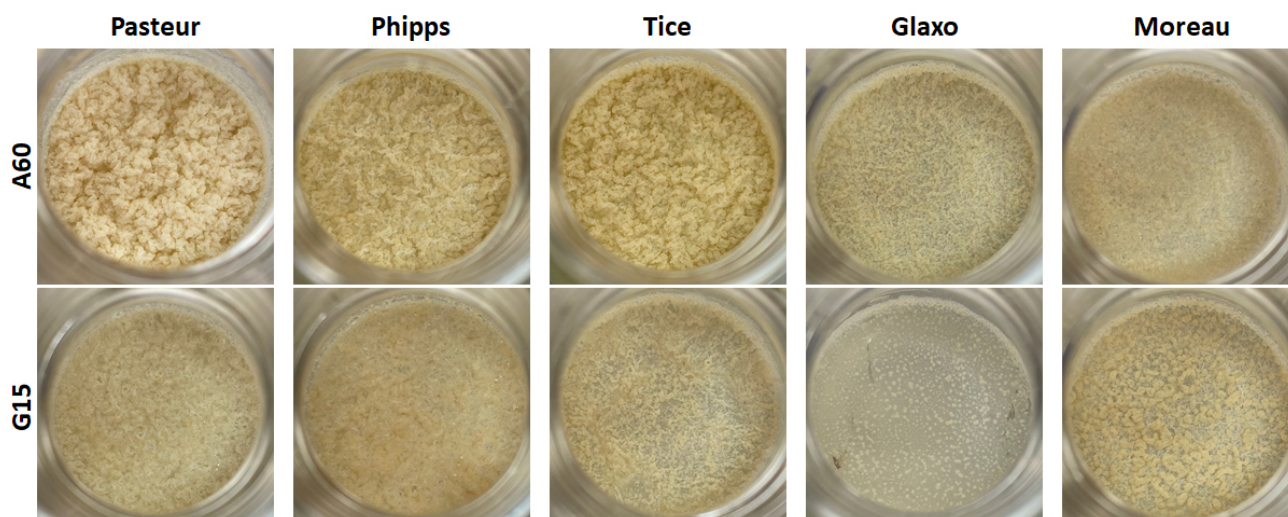


Figure S1. Macroscopic appearance of BCG substrains cultures grown on two Sauton media (A60 and G15).

Table S1. List of primers used in qRT-PCR assays.

Primer name	Sequence 5'-3'	Observations
<i>Rv0577_Fw</i>	CTTCAGACCACCGATCAGTC	Putative glyoxylase CFP32: Protein involved in the methylglyoxal detoxification pathway. Induces maturation of dendritic cells in a TLR2-dependent manner. Induces Th1-polarized immune responses.
<i>Rv0577_Rv</i>	GTTGTCGTCGTAACCCAG	
<i>papA5_Fw</i>	CTTGGAACCCACCCAGTC	Polyketide-associated protein (Pap): Acetyltransferase involved in the PDIM and PGL synthesis, catalyzes the diesterification of phenolphthiocerols with mycocerosates.
<i>papA5_Rv</i>	GGCAACGAGATTCCAACCG	
<i>ppsA_Fw</i>	GGCATGGGATGTCGTTTCC	Phthiocerol polyketide synthase subunit A: Part of the <i>Pps</i> ABCDE complex involved in the biosynthesis of the lipid core common to phthiocerols and phenolphthiocerols
<i>ppsA_Rv</i>	GGCGTTCACAGAGAAAGTCC	
<i>16S rRNA_Fw</i>	CAACGCGAAGAACCTTACCT	Housekeeping gene: Used as a constitutive expression control, useful for normalizing the expression level of genes of interest among samples.
<i>16S rRNA_Rv</i>	TGCACACAGGCCACAAGGGA	