

 $\textbf{Figure S1.} \ \textbf{Phylogenetic tree for all 119 targets amplified using the selected primer set.}$

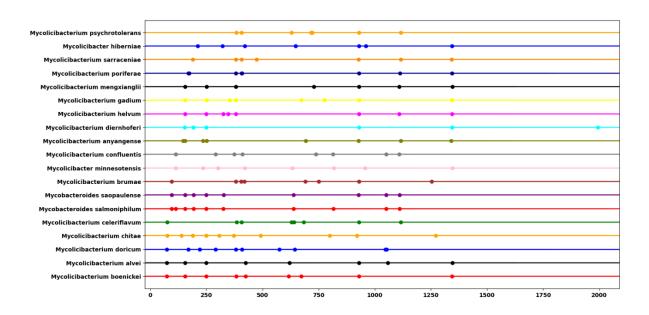


Figure S2. The TSP45I restriction profile for 19 *Mycolicibacterium, Mycolicibacter* and *Mycobacteroides* genomes that are not in our restriction database.

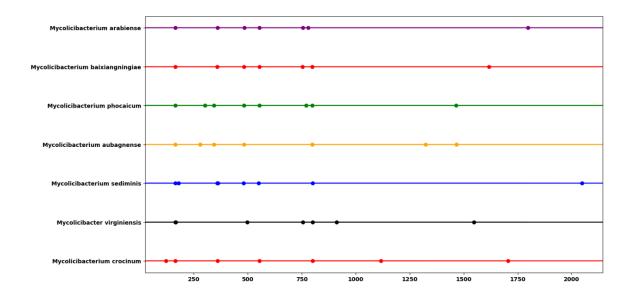


Figure S3. The BsaWI restriction profile for 7 *Mycolicibacterium, Mycolicibacter and Mycobacteroides* genomes that are not in our restriction database.