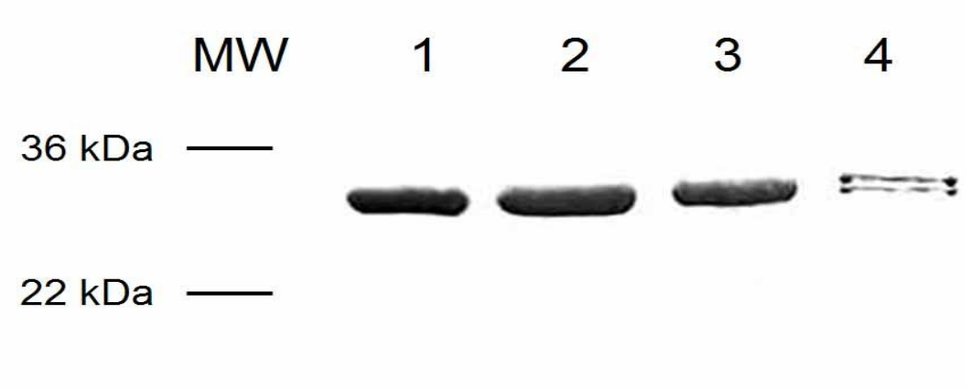
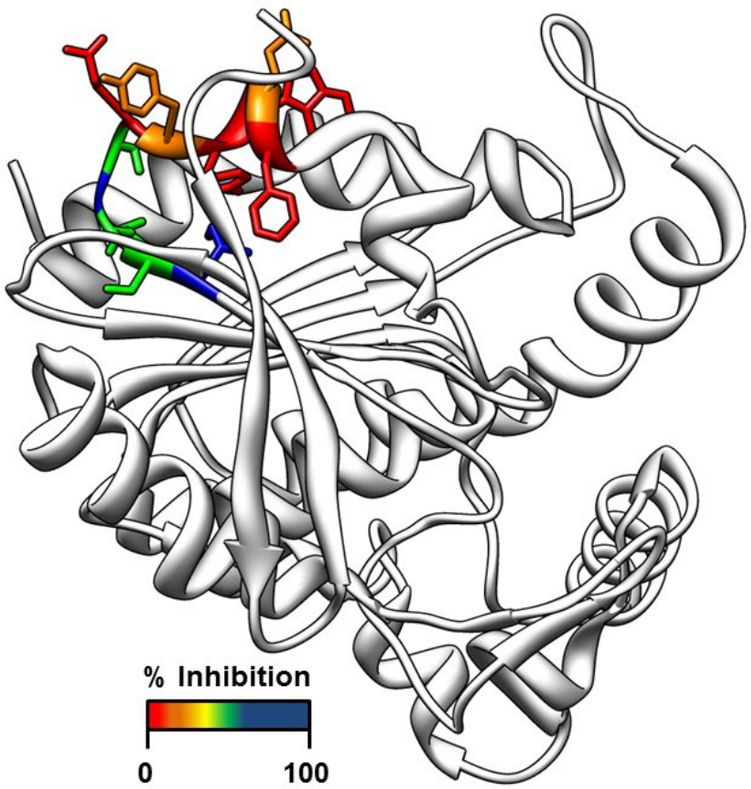
Supplementary Figure 1. Detection of the expression of Ag85 in MAP K-10 cell culture. Western blotting assay represented the recombinant MAP Ag85A (lane 1), MAP Ag85B (lane 2), MAP Ag85C (lane 3), and the secreted Ag85 from MAP K-10 culture medium (lane 4). Blots were probed by polyclonal MTB Ag85 antibody.

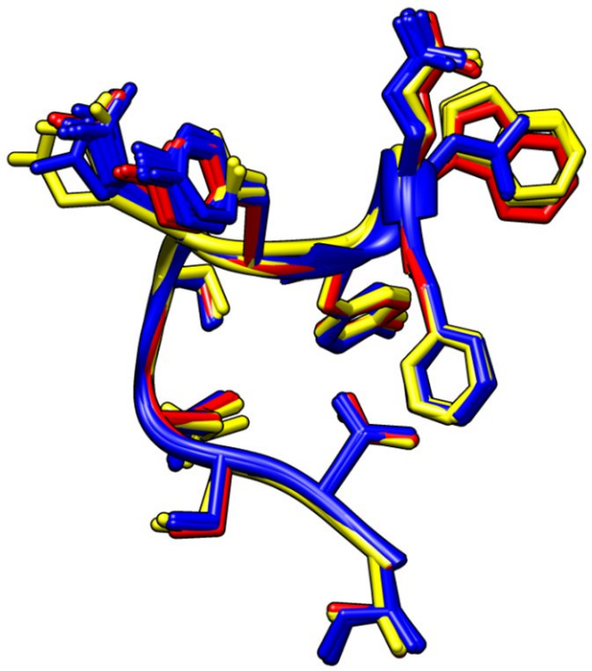


Supplementary Figure 2. The Fn-binding region of Ag85B of *M. tuberculosis* (MTB). (A) The structure of MTB Ag85B was colored to indicate the residues that are important in Fn binding as determined by Naito *et al*.,(1). The published percent inhibition by single-site alanine-substituted Ag85B peptides was used to assign color to the residues. (B) The homologous Fn binding stretch from all Ag85 structures were aligned (PDB entries for Ag85A (1sfr, yellow) (2); for Ag85B (1f0n, 1f0p, red) (3); for Ag85C (1dqy, 1dqz, 1va5, 3hrh, blue) (2,4,5). (C) The sequence alignment for the Fn-binding motif from MTB was derived from the PDB entries for crystal structures.

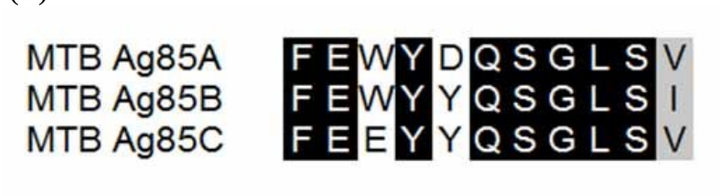
(A)



(B)



(C)



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