



Supplemental Figure 2. *Mycobacterium tuberculosis* (Mtb) DnaQ is a 3'-5' DNA exonuclease but does not form a stable complex with Mtb DnaE1.

(A) Coomassie-stained gel showing purified *E. coli* ϵ , Mtb DnaE1 and Mtb Rv3711c. (B) Gel showing 3'-5' exonuclease activity assay with *E. coli* ϵ , Mtb DnaE1 and Mtb Rv3711c.

(C) Analytical size exclusion chromatography shows that *E. coli* PolIII α and *E. coli* ϵ form a stable complex at concentrations as low as 1.5 μ M. (D) In contrast, Mtb DnaE1 and DnaQ (Rv3711c) don't reveal any interaction even at 10 μ M protein concentration (all equimolar amounts).