Supplemental Figure 4. *M. tuberculosis* DnaE1 and PHP mutants are properly folded.

(A) SDS-PAGE analysis of purified proteins. Each lane contains 3.5 pmol (~0.5 μg) protein. Gel was stained with Coomassie Brilliant Blue. (B) Purified proteins do not show any aggregation as judged by size exclusion chromatography. Arrow indicates the void volume (at 0.8 ml). For clarity, graphs are shifted vertically by 150 mAU. (C) Circular dichroism spectra show that WT DnaE1 and PHP mutants are properly folded. (D) Thermal denaturation curves show that wild-type and mutant DnaE1 have similar melting temperatures of 45-50°C. (E) Time course of exonuclease activity on single-stranded DNA. Wild-type Mtb DnaE1 shows 3’-5’ exonuclease activity but not 5’-3’ exonuclease activity.