Supplemental Figure S1. The time course of AarA (a) and ecGlpG (b) mediated cleavage of psTatA, showing the linear relationship between the product formation (detected from the western blots and shown in mean Grey Values (MGV)) and the time of reaction. (c) Hill plot of psTatA cleavage by AarA (time of reaction is 1hr)(n=2, mean±SD), demonstrating the similar kinetic parameters as shown in Figure 1 (time of reaction of 15 min). (d) The linear proportionality between chemiluminescent signals detected from the western blot and the amount of psTatA used in the kinetic assay. Anti-His antibodies were used to visualize the psTatA bands and chemiluminescence was recorded by ImageQuant LAS 4000 Analyzer.