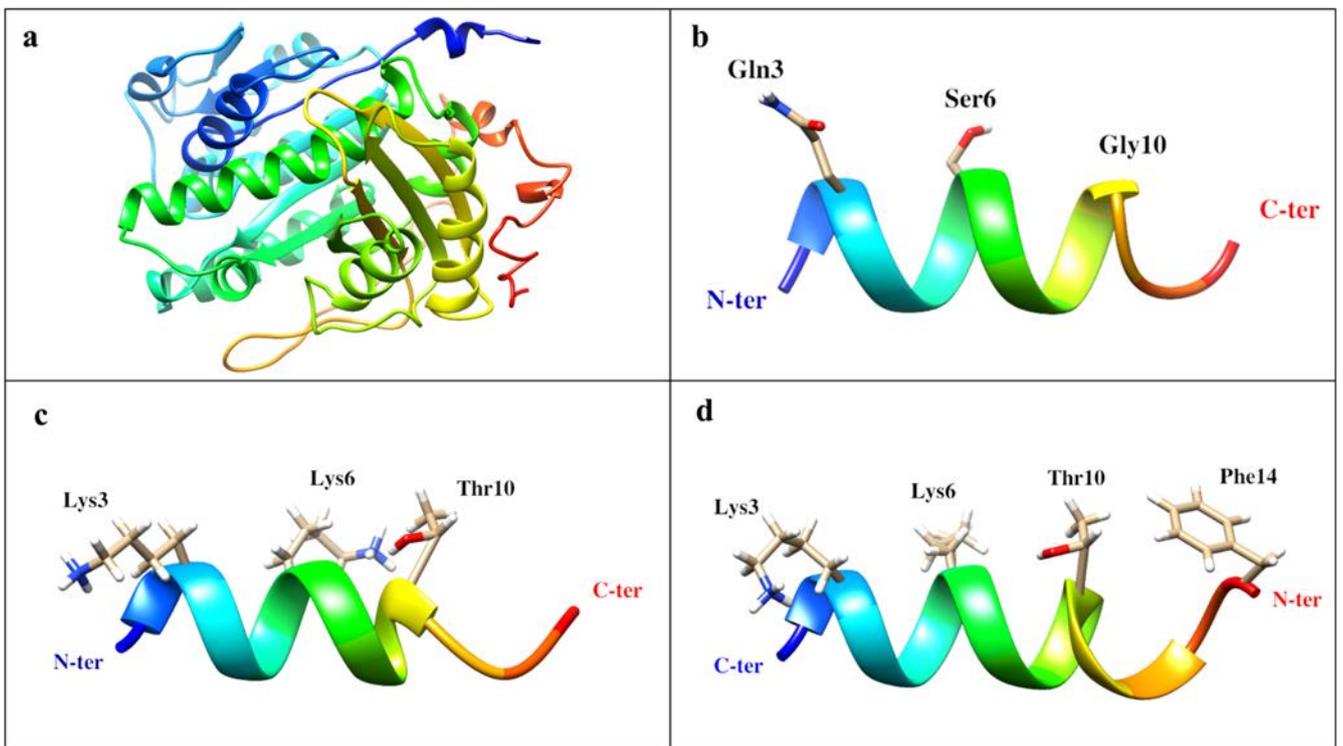
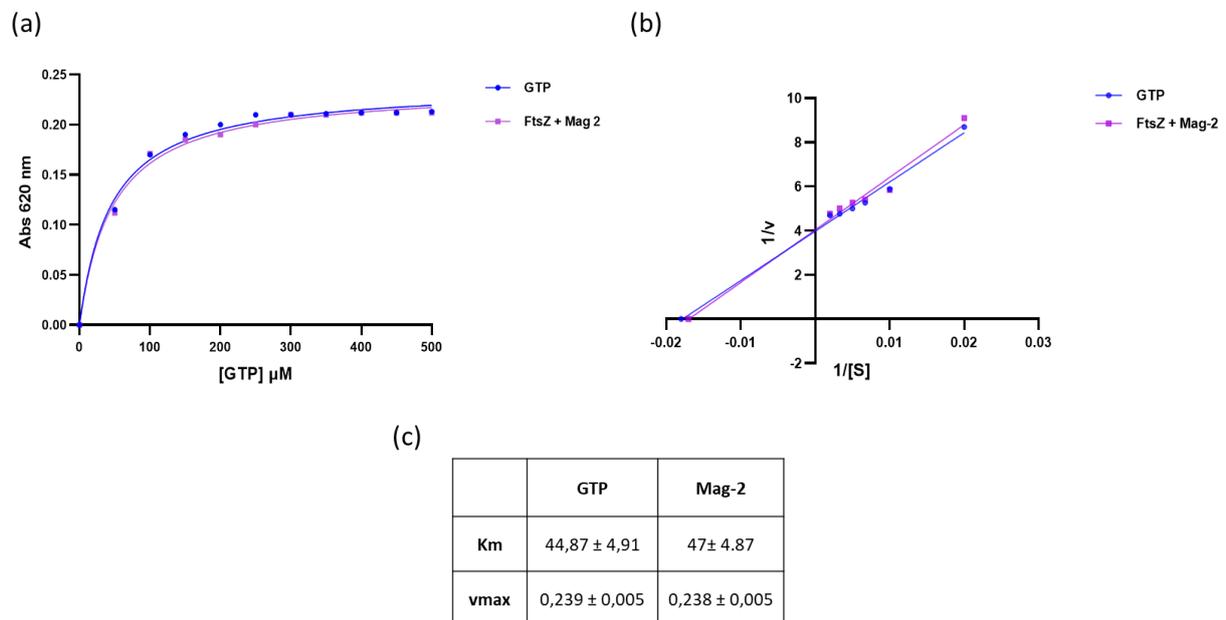


## Supplementary Materials



**Figure S1.** 3D model of FtsZ (a), native Temporin-L (b) TRIL analogue (c) and TRILF analogue (d) obtained by *ab initio* modelling with I-TASSER server.



**Figure S2.** a) Enzymatic activity of recombinant FtsZ (12  $\mu$ M) was performed in 25 mM PIPES/NaOH (pH 6.8), 20mM MgCl<sub>2</sub>, in the absence (blue line) and in the presence of 35 $\mu$ M of Mag-2 peptide (magenta line), using GTP as substrate. The reaction was performed for 10 min and the Pi release was determined by measuring the absorbance at 620 nm following 25 min incubation. b) Lineweaver Burk plots from which the K<sub>M</sub> constants were calculated. c) Calculated K<sub>M</sub> constants and V<sub>max</sub> for the enzymatic assays. The experiment was performed in duplicate and presented as mean  $\pm$  standard error.