

Supplementary information, Figure S4 The electrostatic surface around the FabZ active tunnel entrance (black arrow). The extreme ranges of red (negative) and blue (positive) of the surfaces represent electrostatic potentials of -66.4 e/kT to +66.4 e/kT. The residues involved in the interactions between FabZ and ACP are shown as sticks and labeled. ACP  $\alpha$ 2 helix is colored in magenta.