

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Morphing between the two structures of 70SIC-MtbEttA complex in the pre-hydrolysis states.

File Name: Supplementary Movie 2

Description: Asymmetric nucleotide-engagement in the two nucleotide-binding sites of MtbEttA in the pre-hydrolysis states.

File Name: Supplementary Movie 3

Description: Morphing between the structures of MtbEttA in the Trans_R0 and post-hydrolysis states.