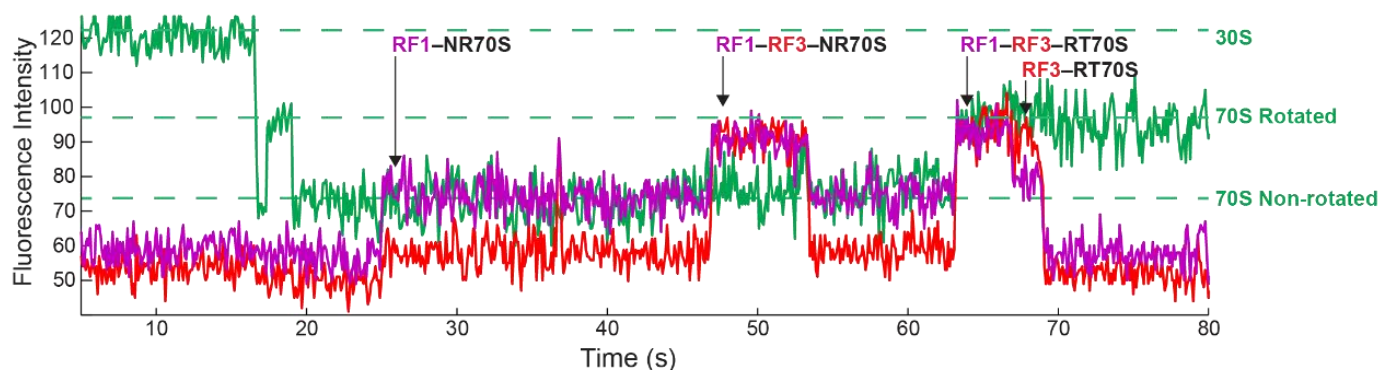
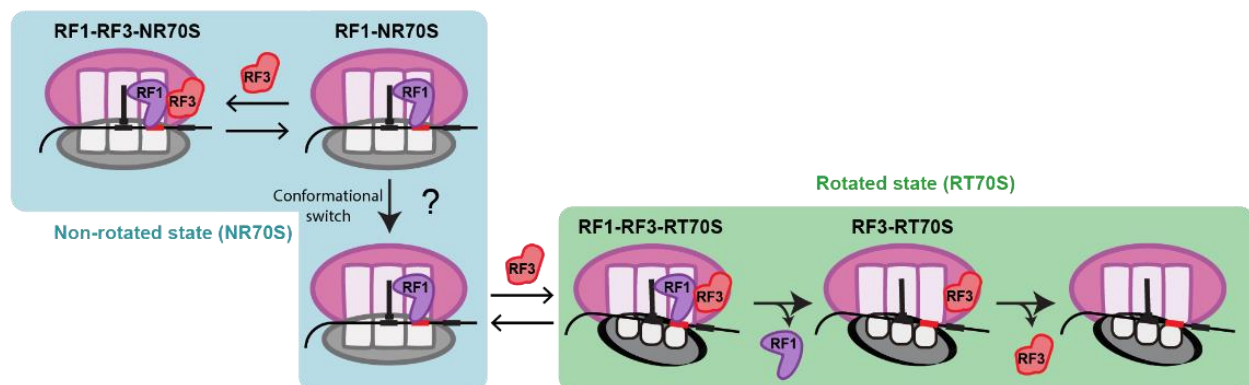


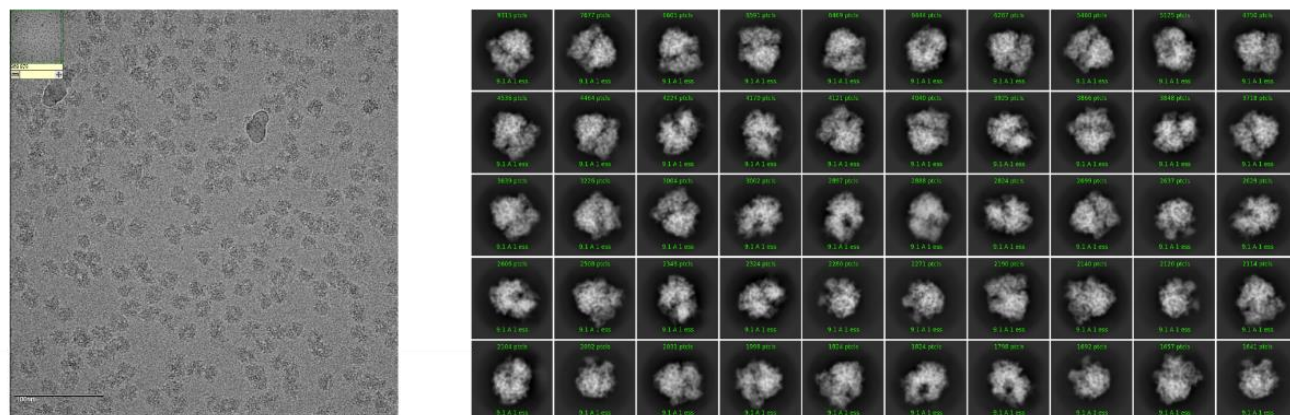
A)



B)



C)



D)

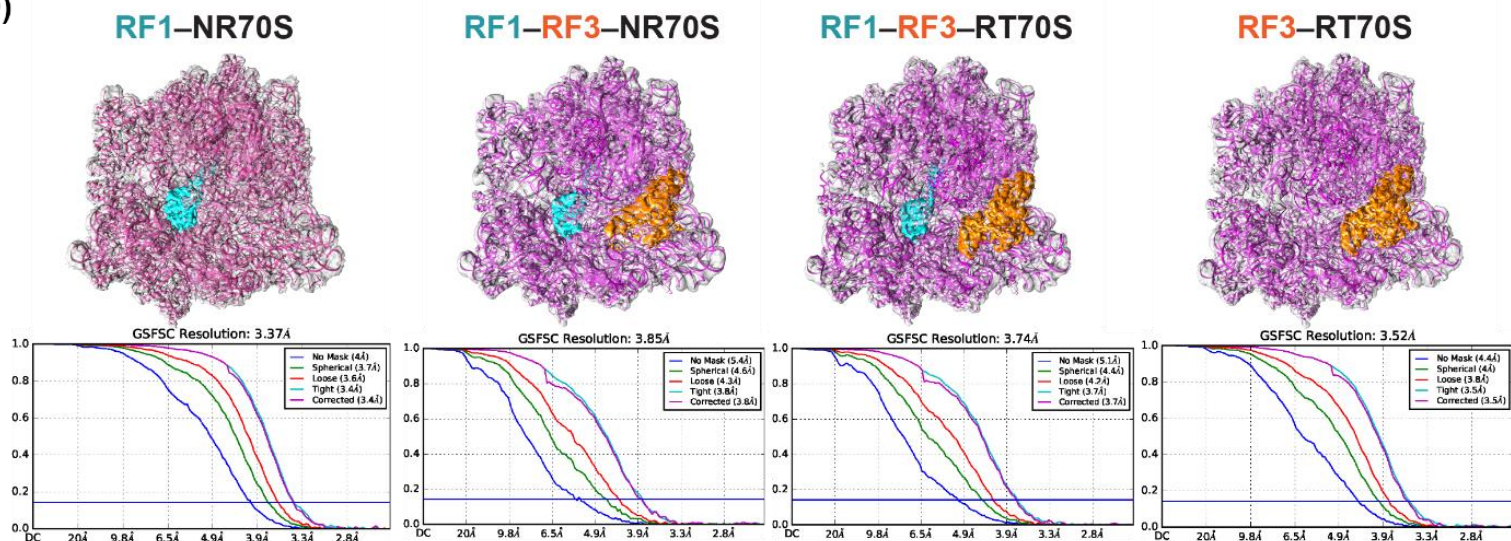


Figure: (A) Sample single-molecule fluorescence trace showing four different compositional/conformational states of the ribosome during translation termination (B) Schematic of the pathway of translation termination highlighting a proposed conformational switch before RF3-mediated ribosome rotation (C) Particle image and 2D Classification of the preliminary CryoEM data collection (D) EM map of the four ribosome states and their respective FSC plots