

Description of Additional Supplementary Files:

Supplementary Movie 1. Substrate binding by mitochondrial RNAP in the Entry Site and its delivery into the Insertion Site

Supplementary Movie 2. Movement of the fingers domain of mtRNAP during substrate delivery from the Entry to the Insertion Site

Supplementary Movie 3. Close-up view of substrate delivery from the Entry to the Insertion Site

Supplementary Movie 4. Movement of the O and Y helices during the transition from closed to clenched conformation