Description of Additional Supplementary Files

Supplementary Movie 1: RNAP elongation complex. The movie shows a 360° rotation of the EC.

Supplementary Movie 2: RNAP-HelD complex. The movies shows a 360° rotation of the RNAP-HelD complex, and highlights the Clamp and Secondary Channel arms of HelD.

Supplementary Movie 3: RNAP remodelling by HelD. The movie shows the conformational changes induced in RNAP by HelD.

Supplementary Movie 4: 3D variability analysis of the RNAP-HelD complex. The movie shows the results of 3D variability analysis of the RNAP-HelD complex which highlights how secondary channel arm anchoring provides a platform for primary channel opening by movement of the clamp arm.