Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Apo1 MD trajectory of Polκ-PCNA complex. Colour code: Polκ core in bright orange; Polκ

PAD in green; PAD C-terminus in red; PCNA in sky blue.

File Name: Supplementary Movie 2

Description: Apo1b MD trajectory of Polκ-PCNA complex. Colour code: Polκ core in bright orange; Polκ

PAD in green; PAD C-terminus in red; PCNA in sky blue.

File Name: Supplementary Movie 3

Description: Apo2 MD trajectory of Polk-PCNA complex. Colour code: Polk core in bright orange; Polk

PAD in green; PAD C-terminus in red; PCNA in sky blue.

File Name: Supplementary Movie 4

Description: Apo2b MD trajectory of Polκ-PCNA complex. Colour code: Polκ core in bright orange; Polκ

PAD in green; PAD C-terminus in red; PCNA in sky blue.