

Description of Additional Supplementary Files

File name: Supplementary Movie 1

Description: Cryo-EM structures of MCM2-7 DH-Sld3/7 (MS) and MCM2-7 DH-Sld3/7 (MSC).

File name: Supplementary Movie 2

Description: Multi-body analysis of MCM2-7 DH-Sld3/7 (MS).

File name: Supplementary Movie 3

Description: Morph between MCM2-7 DH-Sld3/7 (MS) and MCM2-7 DH-Sld3/7 (MSC) with AlphaFold3 predicted regions fitted.

File name: Supplementary Movie 4

Description: 3DFlex analysis of MCM2-7 DH-Sld3/7-Cdc45 (MSC).