

Description of Additional Supplementary Files

File name: Supplementary Movie 1

Description: Surface representation of the integrative model of the full-length HuNoV NS3 complex embedded in a membrane bilayer (left), and a central cross-section (right) highlighting a putative RNA translocation pathway. This animation illustrates the sequential ATP-driven conformational changes of the NS3 hexamer, consistent with a hand-over-hand translocation mechanism. Created in BioRender. Hurdiss, D. (2026)

<https://BioRender.com/6a0zadu>.