Video Legends

Video S1 - U2OS cells labelled with ACE2-NeonGreen treated with SARS-CoV-2 VLPWu:MCh.

Video S2 - U2OS cells labelled with ACE2-NeonGreen treated with SARS-CoV-2 VLPWu:MCh. The tracks presented on Fig. 1 A, F are shown.

Video S3 - U2OS cells labelled with ACE2-NeonGreen treated with SARS-CoV-2 VLPWu:MCh.All the tracks in the present two cells are displayed.

Video S4 - U2OS transfected with freely diffusible mNeonGreen treated with SARS-CoV-2 VLPWu:MCh.

Video S5 - U2OS transfected with freely diffusible mNeonGreen treated with SARS-CoV-2 VLPWu:MCh. The track presented on Fig. 1 B, G is shown.

Video S6 - U2OS transfected with freely diffusible mNeonGreen treated with SARS-CoV-2 VLPWu:MCh. All the measured tracks on the presented cell are displayed.

Video S7 - A combination of the Maximus intensity projection, the transparent cell volume, and, the opaque cell volume of the U2OS cell presented in Fig. 1 B treated with SARS-CoV-2 VLPWu:MCh.

Video S8 - VeroE6 cells pre-incubated with VLPWu :MCh, treated with Aberrior LIVE 610 tubulin dye (cabazitaxel conjugated with LIVE 610 dye).

Video S9 - VeroE6 cells pre-treated with an Anti-SARS-CoV-2 Spike S1 (CR3022 clone) antibody incubated with VLPWu:MCh.

Video S10 - VeroE6 cells with GFP labelled Dynamin-1 treated with SARS-CoV-2 VLPWu:MCh. The slowed down video demonstrates the co-localization between the labelled VLP and the Dynamin-1.

Video S11 - VeroE6 cells with GFP labelled Dynamin-1 treated with SARS-CoV-2 VLPWu:MCh. The video shows all the tracked VLPs in the presented cell.

Video S12 - The tracked VLP shown in Video S10.

Video S13 - VeroE6 cells treated with Dynol 34-2 to inhibit Dynamin-1 and afterwards incubated with SARS-CoV-2 VLPWu:MCh.

Video S14 - VeroE6 cells expressing Rab5a-GFP and incubated with SARS-CoV-2 VLPWu:MCh.

Video S15 - VeroE6 cells stained with Lysotracker and incubated with SARS-CoV-2 VLPWu:MCh.

Video S16 - VeroE6 cells transfected with diffusible mScarlet and incubated with SARS-CoV-2 VLPWu:MChMpHR.

Video S17 - A549 cells transfected with diffusible mScarlet and incubated with SARS-CoV-2 VLPWu:MChMpHR.

Video S18 - VeroE6 cells treated with SARS-CoV-2 VLPWu:MChMpHR.

Video S19 - Same as Video S18. The tracked VLP presented in Fig. 3 J is shown.

Video S20 - A549 cells treated with SARS-CoV-2 VLPWu:MChMpHR.

Video S21 - Same as Video S20. The tracked VLP presented in Fig. 3 K is shown.

Video S22 - A549 cells treated with SARS-CoV-2 VLPWu(del-1):MChMpHR.

Video S23 - Same as Video S22. The tracked VLP presented in Fig. 4 D is shown.

Video S24 - VeroE6 cells treated with SARS-CoV-2 VLPWu(del-1):MChMpHR.

Video S25 - Same as Video S24. A tracked VLP is presented.

Video S26 - A549 cells treated with SARS-CoV-2 VLPOmi:MChMpHR.

Video S27 - Same as Video S26. The tracked VLP presented in Fig. 4 C is shown.

Video S28 - Same as Video S26. All the tracked VLPs in this section are presented.

Video S29 - Splitting of a VLP shown in Fig. 6. The red signal is tagged SASR-CoV-2 M protein with mCherry and the green signal is tagged SARS-CoV-2 N protein with eGFP.

Video S30 - A549 cells treated with SARS-CoV-2 VLPWu:NeGMChR.

Video S31 - Same as Video S30. The tracked VLP presented in Fig. 5 H is shown.

Video S32 – A549 cells treated with SARS-CoV-2 VLPOmi:MChNeER.

Video S33 - Same as Video S32. The tracked VLP presented in Fig. 5 I is shown.