

Supporting Information

for

Imaging of SARS-CoV-2 infected Vero E6 cells by helium ion microscopy

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Additional experimental data

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Figure S1: HIM images showing holes in the cell membrane (arrowheads) of a mock infected Vero E6 cell.



Figure S2: Edge resolution of two HIM images, averaged over five gray-scale plots each that were fitted by logistic regression. The corresponding edges of holes in the cell membrane are shown in the inserted images (red lines); respective mean values and standard deviations of $d_{25\%-75\%}$ are given below.



Figure S3: Schematic illustration of ion beam-induced deposition of hydrocarbons.