

1 Robinot et al.

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3 **LEGENDS TO THE SUPPLEMENTARY MOVIES**

4 **Supplementary Movie 1: Mucociliary clearance assay in a mock infected sample**

5 The movement of 30  $\mu\text{m}$  beads at the surface of an uninfected reconstructed bronchial epithelium is  
6 shown in the first half of the movie. The resulting tracks, color-coded for speed, are shown in the second  
7 half of the movie.

8 **Supplementary Movie 2: Mucociliary clearance assay in SARS-CoV-2 infected sample**

9 The movement of 30  $\mu\text{m}$  beads at the surface of a SARS-CoV-2 infected reconstructed bronchial epithelium  
10 at 7 dpi is shown in the first half of the movie. The resulting tracks, color-coded for speed, are shown in  
11 the second half of the movie.

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