



**Figure 1.** Viral shedding and clinical illness. *A*, Timing of symptoms and viral shedding for each individual participant who tested positive for influenza A by multiplex respiratory testing during their inpatient stay. Shedding typically began within 24–48 hours of challenge (solid line), and symptoms typically began 24–48 hours after shedding but lasted longer (dashed line). One participant (number 20) shed virus for 3 days without manifestation of symptoms. *B*, Aggregate quantitation of viral shedding (solid line) and correlation to number of symptoms each day (dashed line) during the inpatient stay ( $\pm$  standard error of the mean [SEM]). *C*, Mean severity of illness as measured by overall disease clinical score (number of symptoms multiplied by overall duration of symptoms) by dose group and positive or negative influenza shedding during inpatient stay. *D*, Days of shedding at the 3 doses that produced participants with positive nasal washes ( $\pm$  interquartile range [IQR]). *E*, Days of symptoms in the top 3 doses of all participants regardless of positive or negative nasal influenza viral shedding ( $\pm$ IQR). Abbreviation: TCID<sub>50</sub>, tissue culture infectious dose 50.