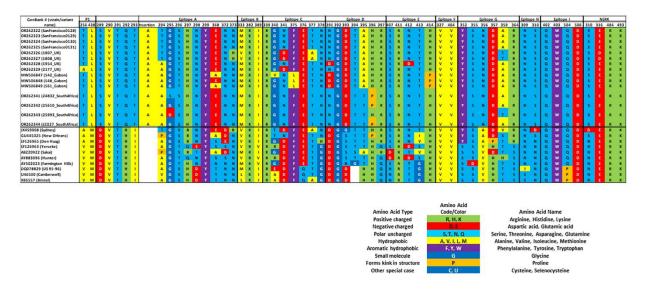
Article DOI: <u>https://doi.org/10.3201/eid3001.231003</u>

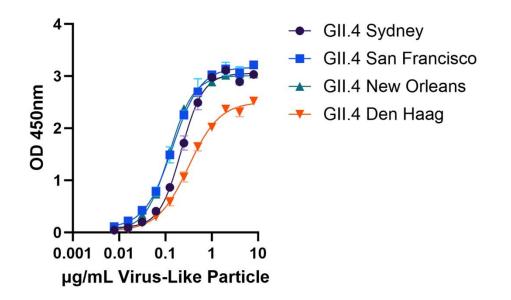
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## Emergence of Novel Norovirus GII.4 Variant

## Appendix



**Appendix Figure 1.** Amino acid differences of emergent novel norovirus GII.4 strains on 3 continents. Differences in the P1 and P2 antibody binding epitopes of the GII.4 San Francisco strains were compared with reference strains of other epidemic GII.4 variants.



**Appendix Figure 2.** Optical density of emergent novel norovirus GII.4 strains from 3 continents. GII.4 variants bind to ligands (porcine gastric mucin). The binding of each GII.4 variant was determined across a series of concentrations beginning at 8 μg/mL and the optical density measurements at 450 nm and fit using nonlinear regression analysis (log(agonist) versus response-variable slope) in GraphPad Prism 9.5.1 (GraphPad Software Inc., https://www.graphpad.com). Each virus-like protein was tested in duplicate in 2 independent experiments and mean +/– SEM of all data plotted.