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.