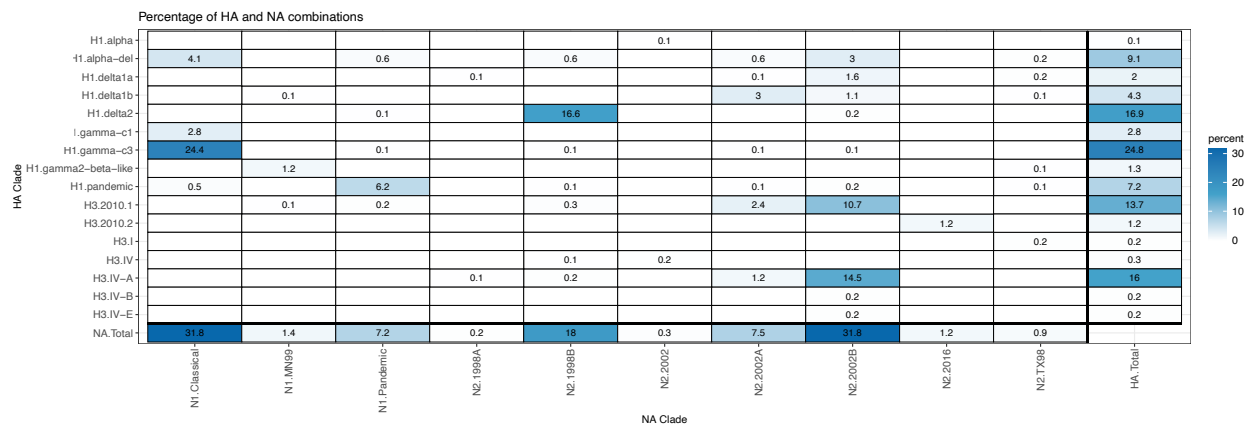


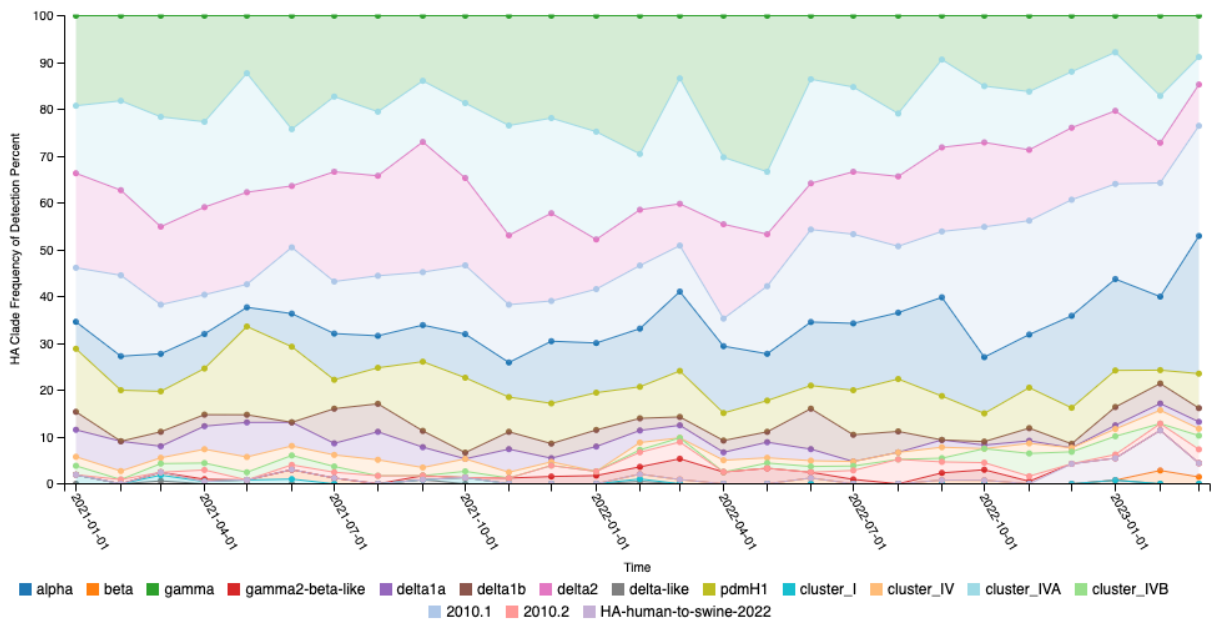
A



B

ISU FLUTURE

### HA Clade Frequency of Detection per Month



Influenza A virus (IAV) in swine genomic surveillance data from 2021 to March 2023. (A) Data derived from the national USDA IAV in swine surveillance system [<https://flu-crew.org/octoflushow/>] showing the top 5 HA clades as H1-1A.3.3.3 (gamma), H1-1B.2.1 (delta-2), H3-1990.4.a (IV-A), H3-2010.1, and H1-1A.1.1.3 (alpha-del); and 2) a veterinary diagnostic lab with the highest swine case submissions in the USA [<https://influenza.cvm.iastate.edu/>]. The 1A.1.1.3  $\alpha$ -swH1N1 range from 10-30% of detections within a month during this time period. Of the 15 detected HA clades, the  $\alpha$ swH1N1 are the 4<sup>th</sup> most frequently detected HA clade from 2021 to present in the ISU Fluture data, and 5<sup>th</sup> most frequently detected in the USDA national system.