Supplemental Table 1. Key statistics regarding classroom meetings, vaccination rates, non-pharmaceutical interventions, and SARS-CoV-2+ individuals detected on campus from August 1 to December 1, 2021. Abbreviations: eACH- effective air changes, Freq-frequency, Exch-exchanges.

| Time Period | # of Class Meetings | % Students Vaccinated | % Faculty Vaccinated | Testing Freq | Masking Policy | Typical Classroom Air Exch | SARS-CoV-2+ Individuals |
|-------------|---------------------|-----------------------|----------------------|--------------|----------------|---------------------------|------------------------|
| Aug 1-Dec 1 | >150,000            | 98.7%                 | 98.8%                | Once Weekly  | Required In-Class | 4-6 eACH/h Merv13 minimum | 896                    |
Supplemental Figure 1. Mutation profiles of potential cluster 8. A) SARS-CoV-2 genome coverage plot showing read count at each SARS-CoV-2 nucleotide. All samples had >500X median coverage per sample. B) SNV accumulation plots showing location of all accumulated variations in each sample. The full mutation profiles were very similar overall and showed no signs of contamination (dashed red line indicates 50% conversion from Wuhan NT at that position). C) SNV difference plots. Shared SNVs >50% were masked to highlight differences between samples (C). Samples 1 and 2 are identical; sample 3 lacks two nucleotide substitutions present at >99% in samples 1 and 2 (8986 C > T and 28461 A > G).