

Description of Additional Supplementary Files

File name- Supplementary Data 1.

File description- GISAID accession numbers for SARS-CoV-2 sequences collected from Texas used in this study.

File name- Supplementary Data 2.

File description- GISAID accession numbers for global background SARS-CoV-2 sequences included for comparative analysis.

File name- Supplementary Data 3.

File description- Demographic and geographic information characterizing the Texas metropolitan areas included in the analysis.

File name- Supplementary Data 4.

File description- Maximum-likelihood phylogeny of over 12,000 Delta variant genomes with ancestral state reconstruction of geographic locations.

File name- Supplementary Data 5–13.

File description- Phylogenies of replicate datasets ($n = 9$), each comprising over 12,000 Delta variant genomes, used for sensitivity analysis of ancestral location reconstructions.