

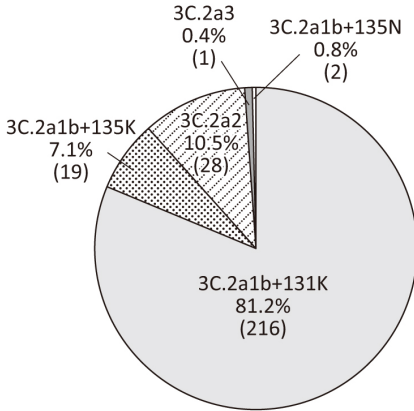
2. Phylogenetic analysis of influenza A(H3N2) HA genes

18/19 vaccine strain

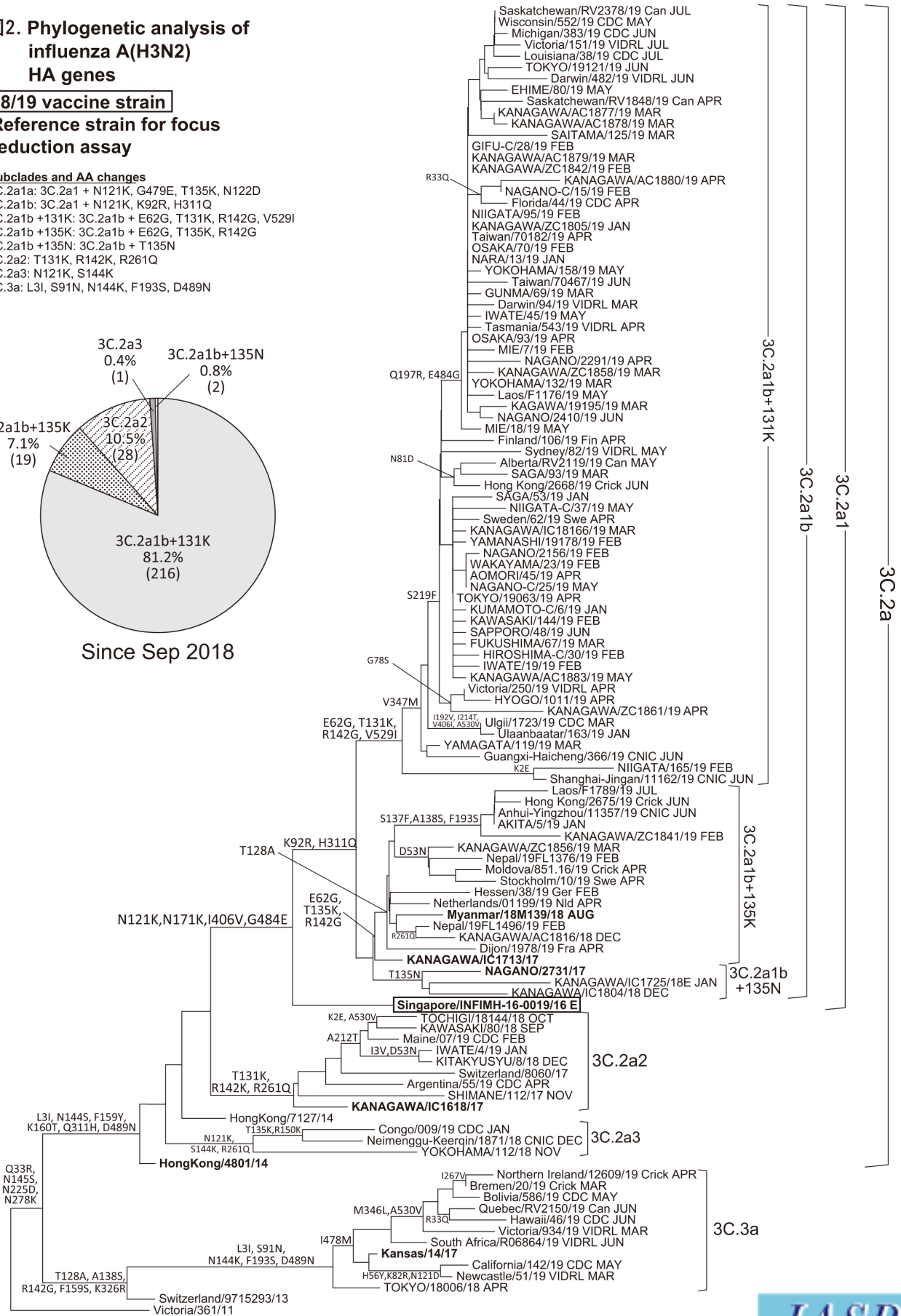
Reference strain for focus reduction assay

Subclades and AA changes

- 3C.2a1a: 3C.2a1 + N121K, G479E, T135K, N122D
- 3C.2a1b: 3C.2a1 + N121K, K92R, H311Q
- 3C.2a1b + 131K: 3C.2a1b + E62G, T131K, R142G, V529I
- 3C.2a1b + 135K: 3C.2a1b + E62G, T135K, R142G
- 3C.2a1b + 135N: 3C.2a1b + T135N
- 3C.2a2: T131K, R142K, R261Q
- 3C.2a3: N121K, S144K
- 3C.3a: L3I, S91N, N144K, F193S, D489N



Since Sep 2018



0.005