Phylogenetic analysis of influenza B Victoria lineage HA genes

22/23, 23/24 vaccine strain in Japan

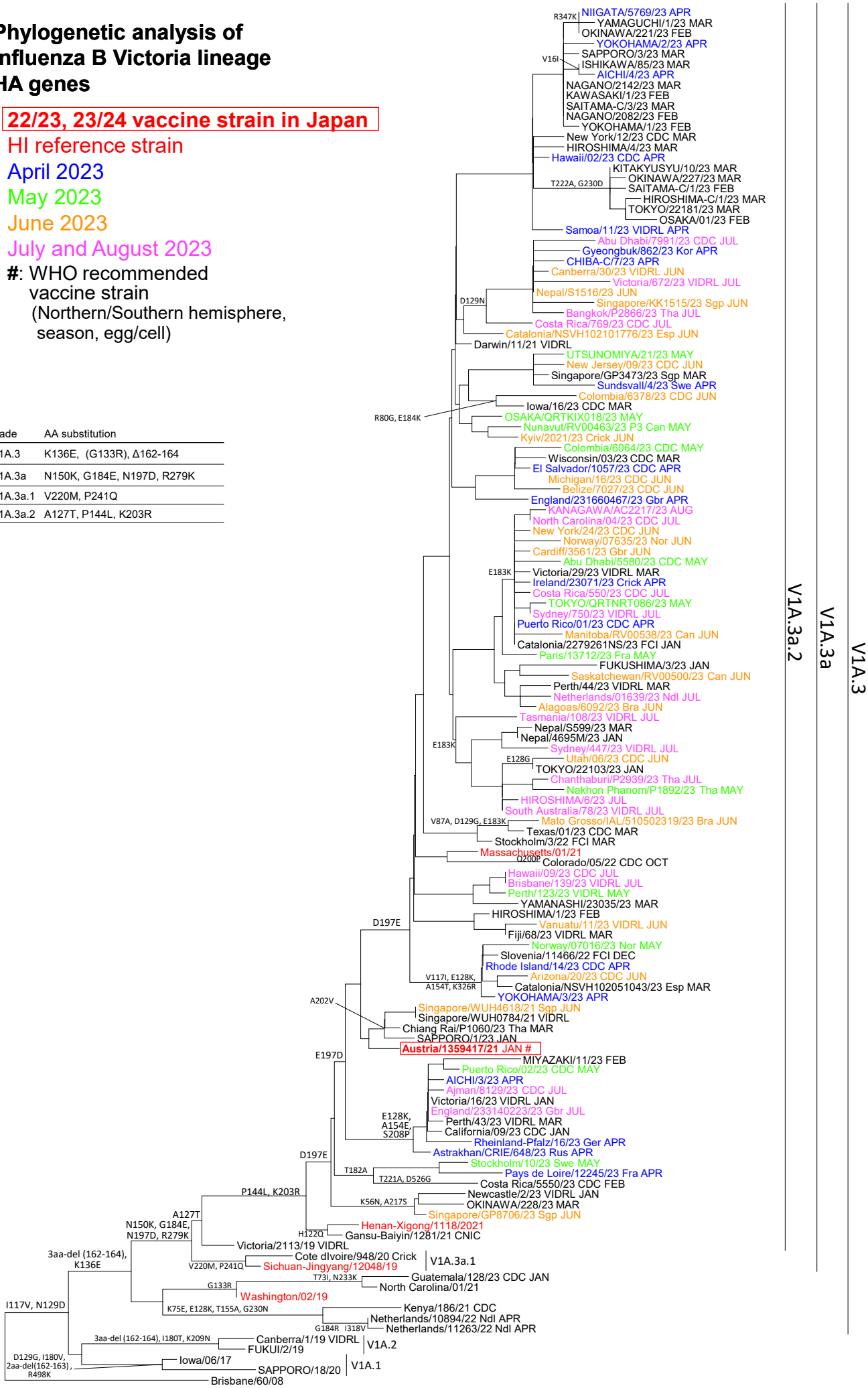
HI reference strain

April 2023

May 2023

June 2023

July and August 2023

#: WHO recommended vaccine strain (Northern/Southern hemisphere, season, egg/cell)

clade	AA substitution
V1A.3	K136E, (G133R), Δ162-164
V1A.3a	N150K, G184E, N197D, R279K
V1A.3a.1	V220M, P241Q
V1A.3a.2	A127T, P144L, K203R