

Clade

c17 unassigned
c17
c16
c15
c14
c13
c12
c11
c10
c9
c8
c4
c6
c7
c5
c2
c3

A138S (0.07)
H156Q (0.04)
H156R (0.03)
T160K (0.11)
G186V (0.2)
L194P (0.26)
T203I (0.04)
S219Y (0.04)
S219F (0.04)
D225G (0.07)
N246H (0.03)
HA1 mutation
(overall frequency in egg-passaged viruses)

