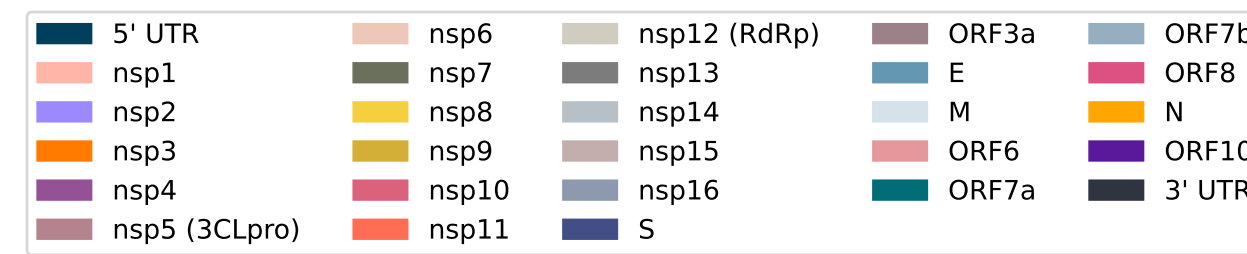
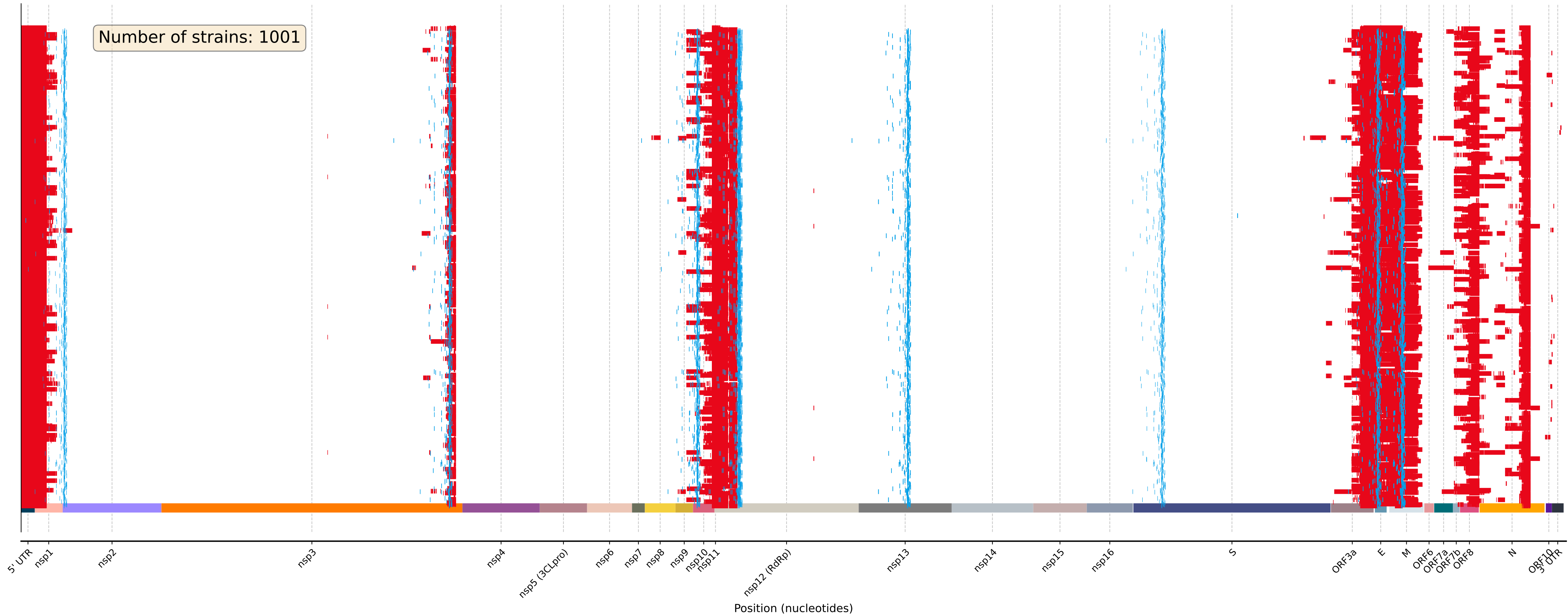
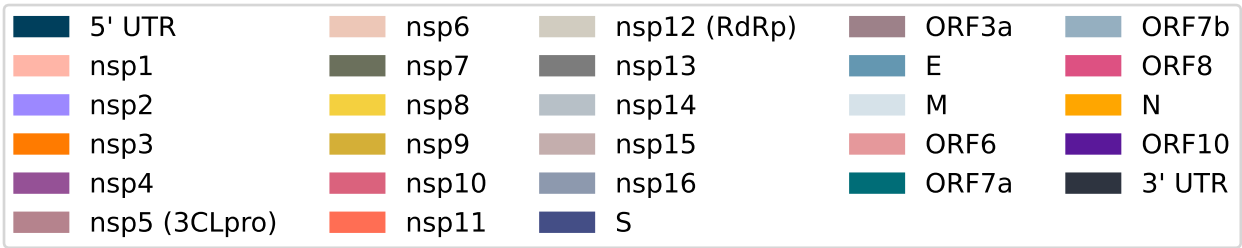
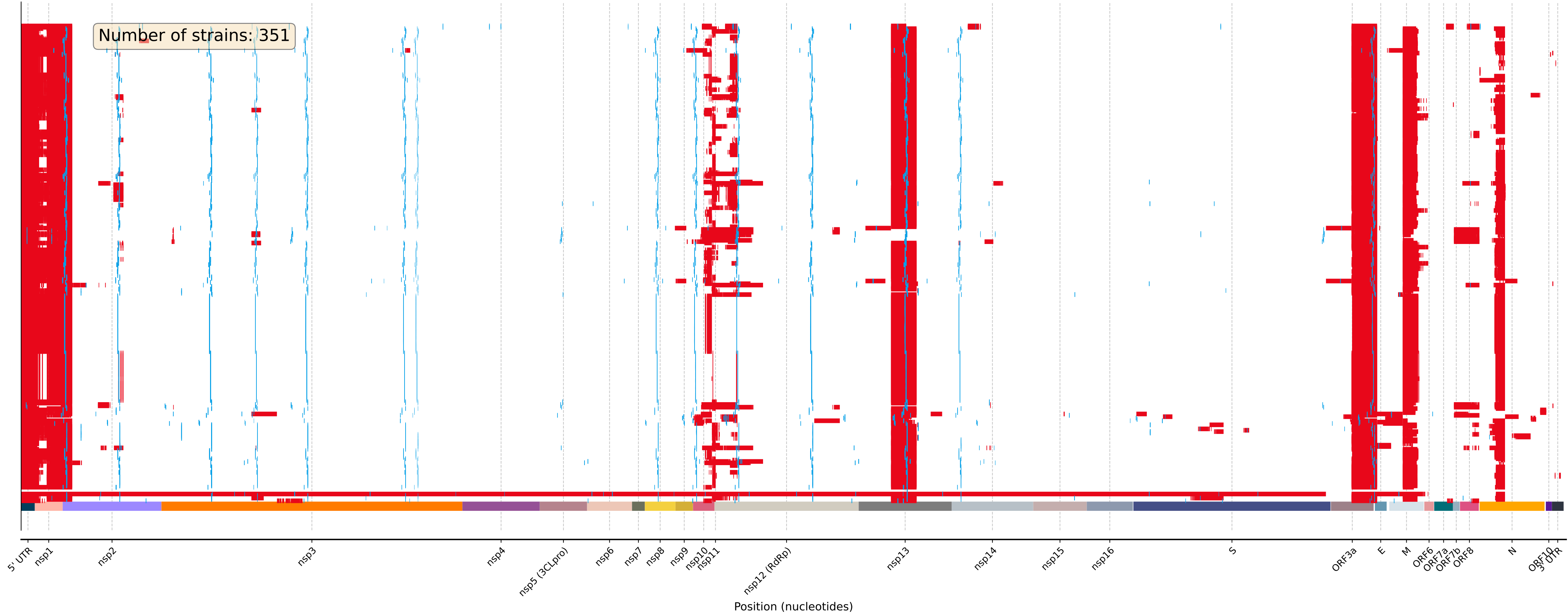


# SARS-CoV-2

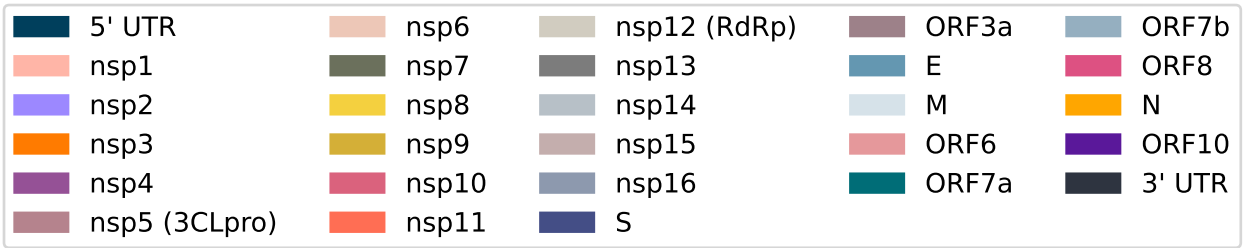
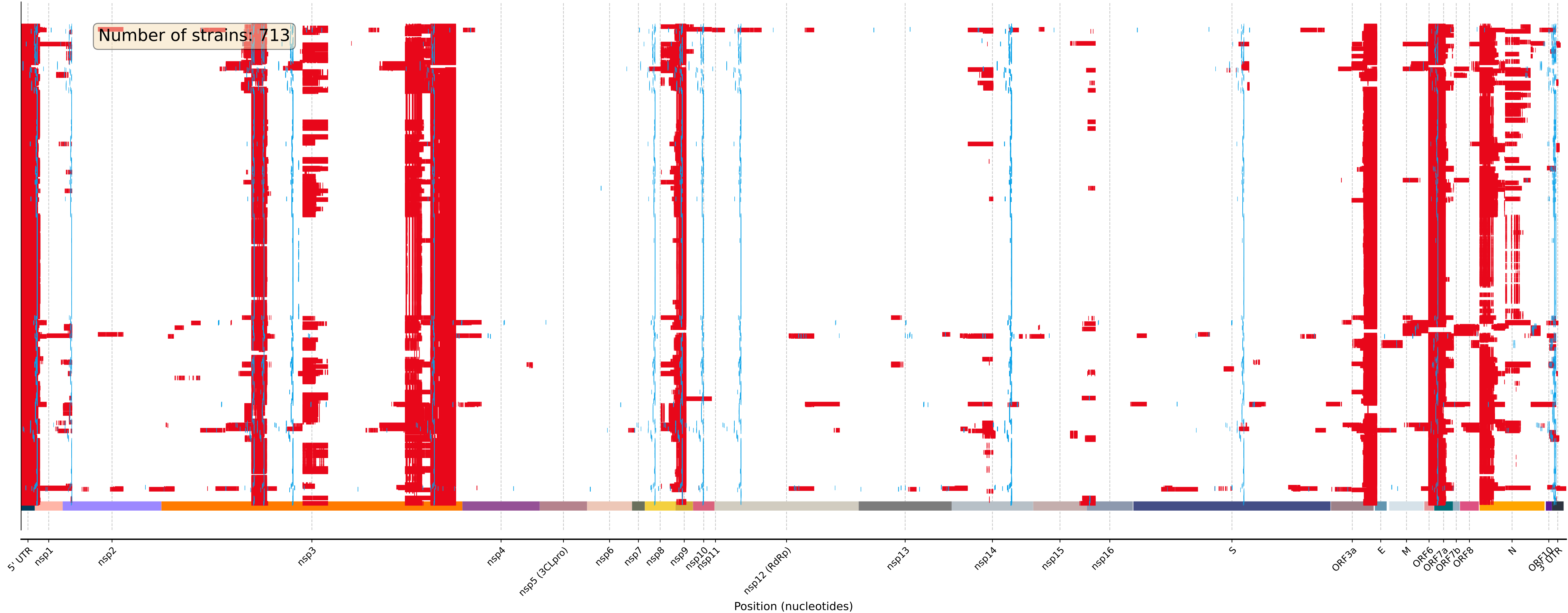
Number of strains: 1001



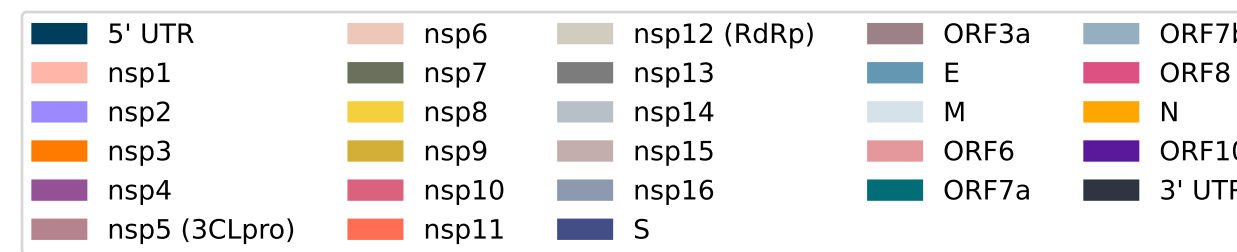
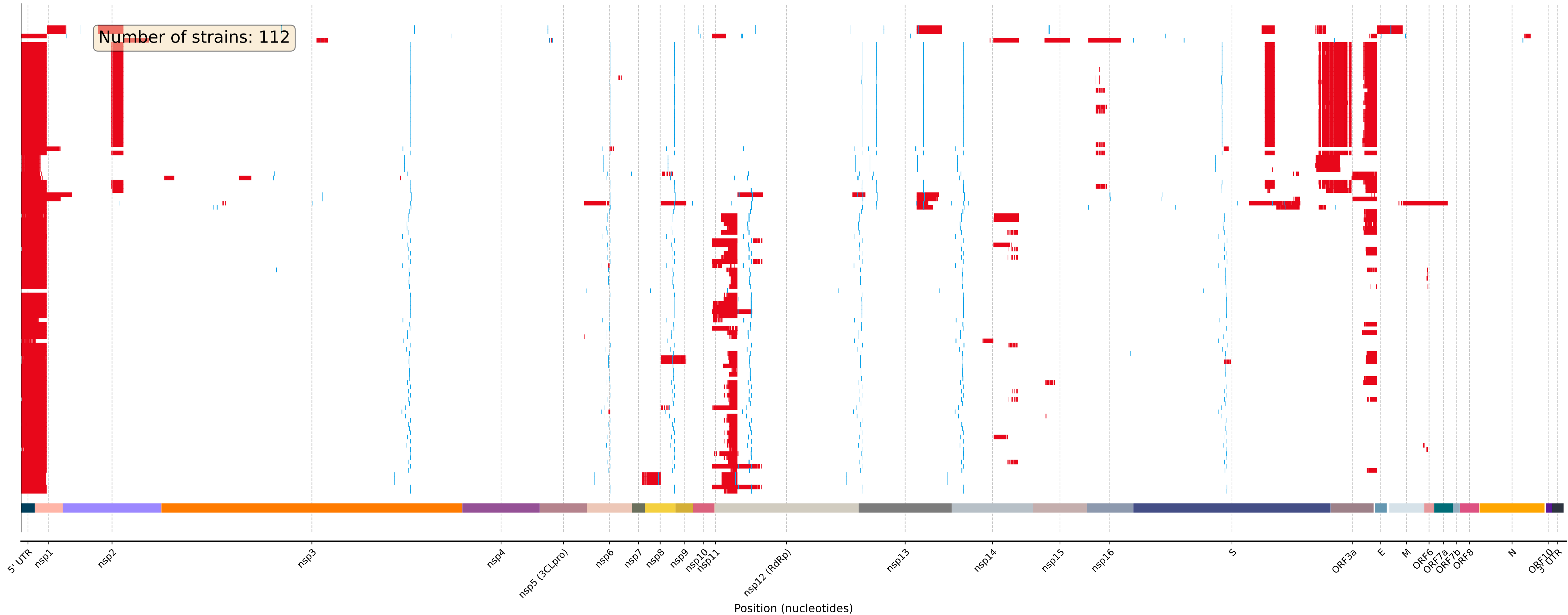
Severe acute respiratory syndrome-related coronavirus



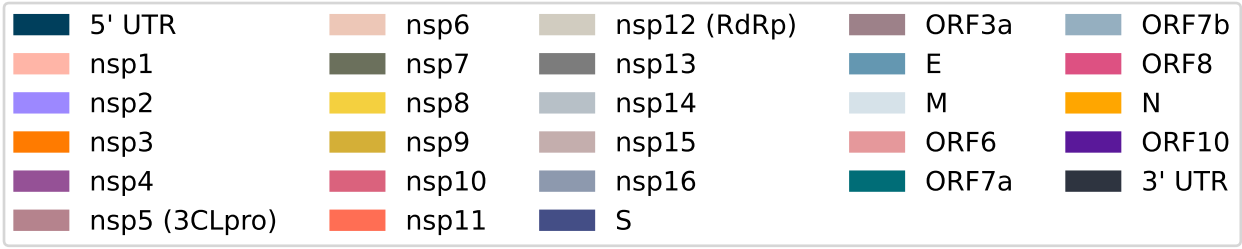
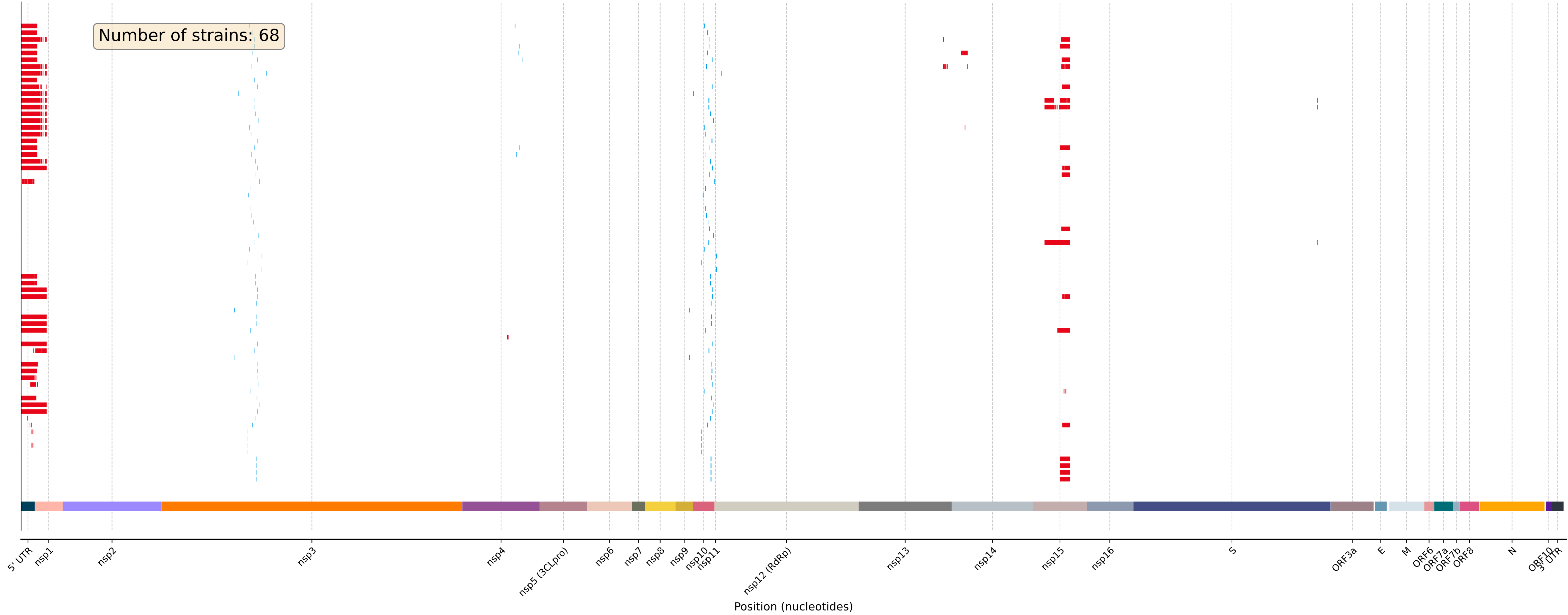
Middle East respiratory syndrome-related coronavirus



# Human coronavirus 229E

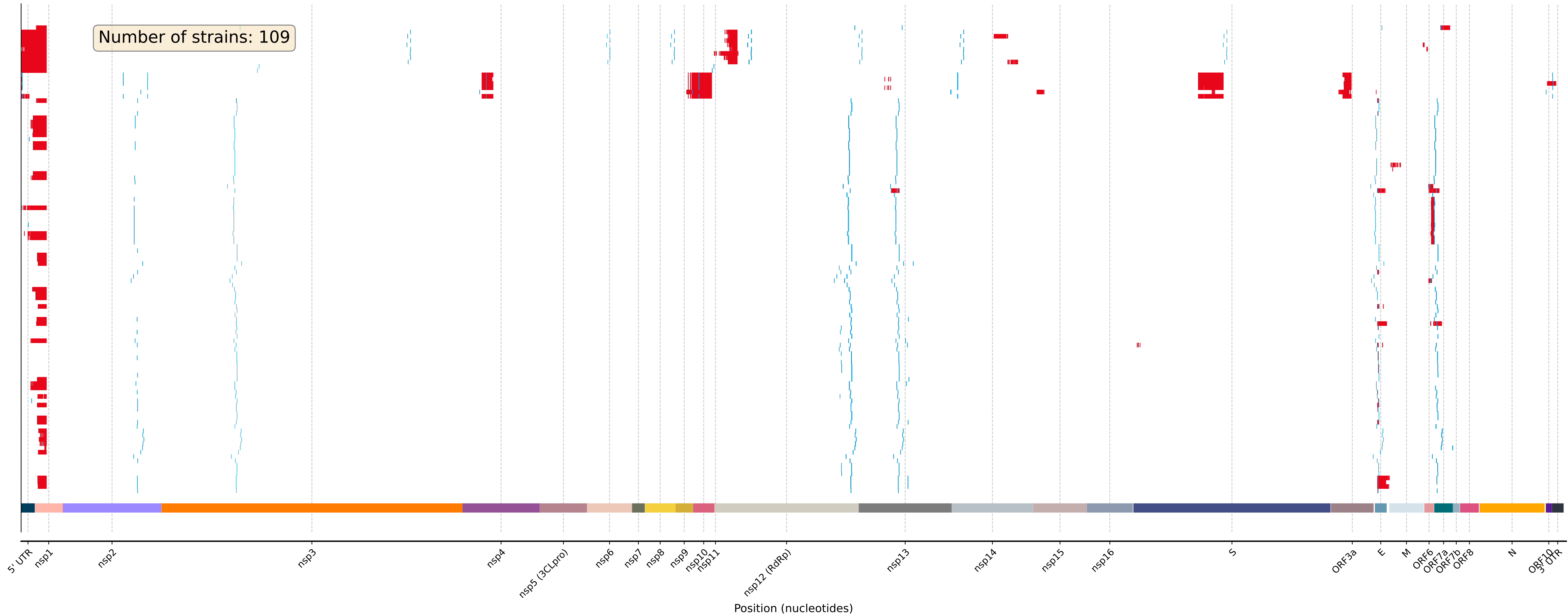


Human coronavirus HKU1

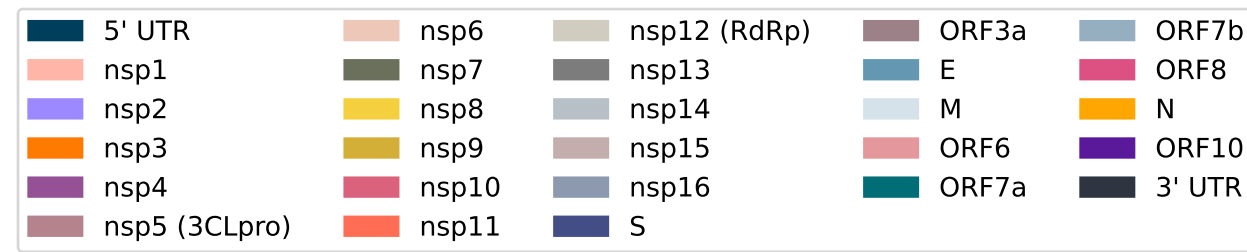


# Human coronavirus NL63

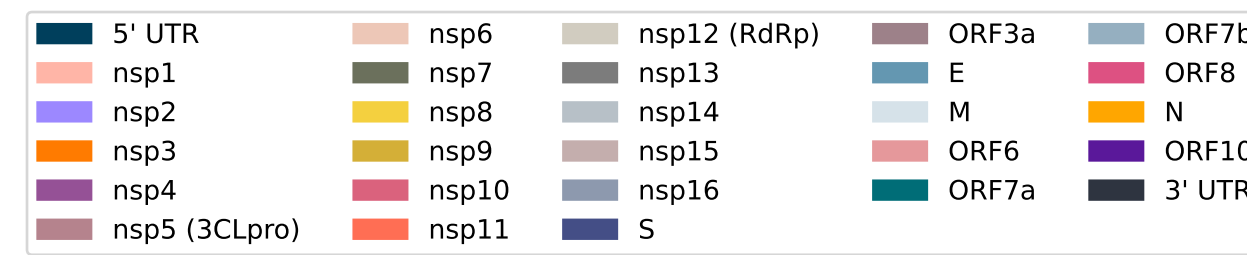
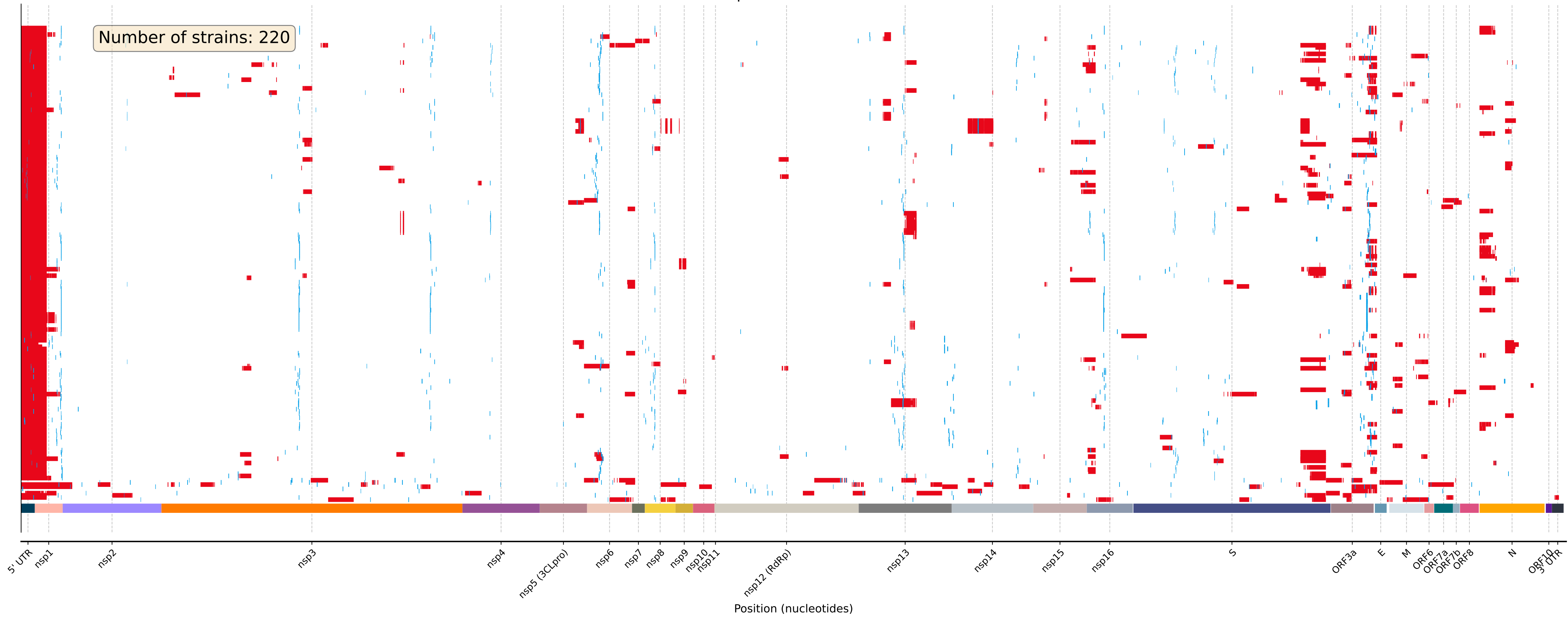
Number of strains: 109



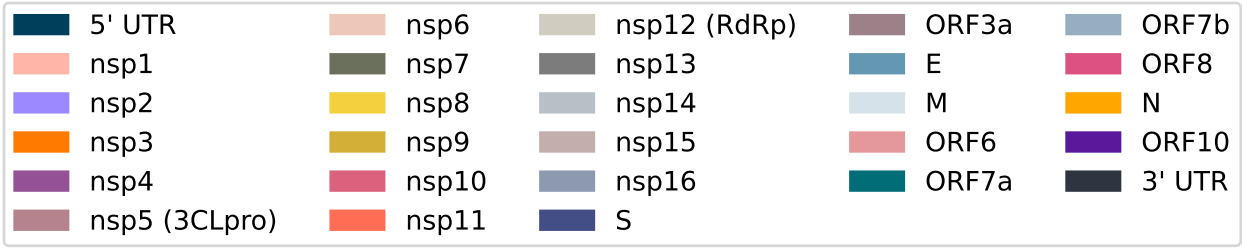
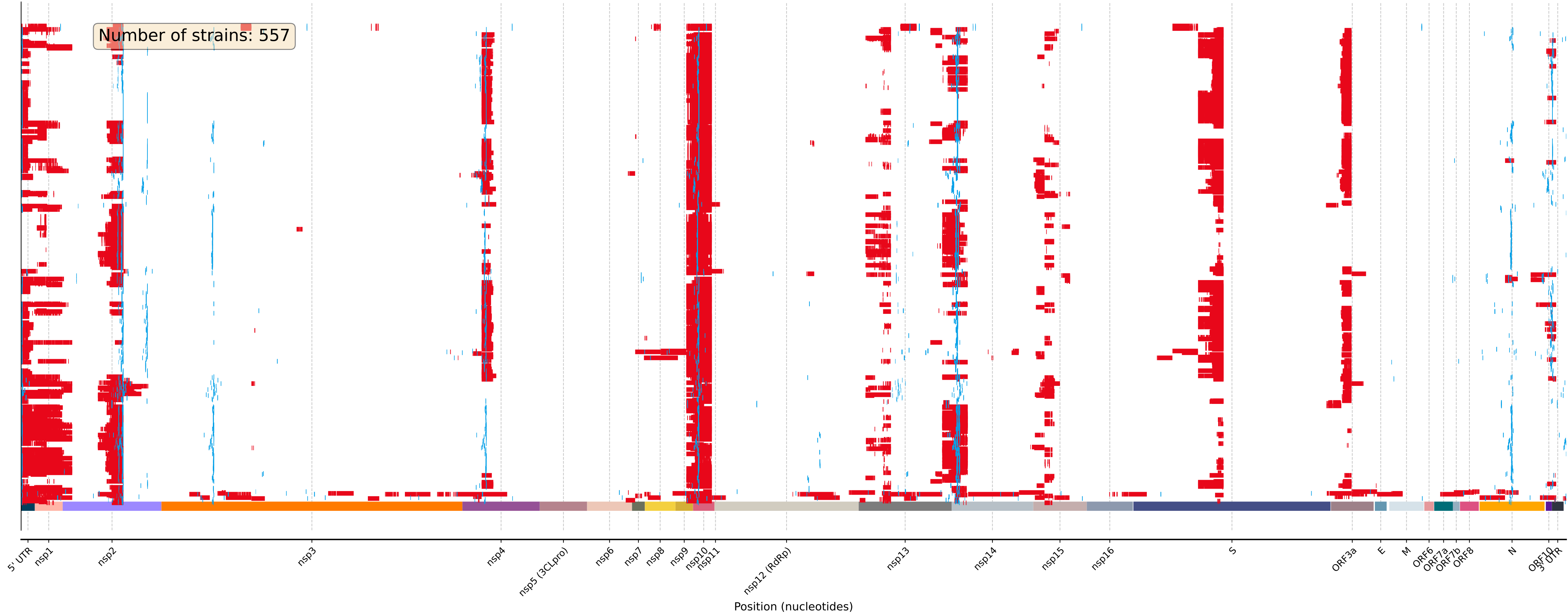
Position (nucleotides)



# Alphacoronavirus 1



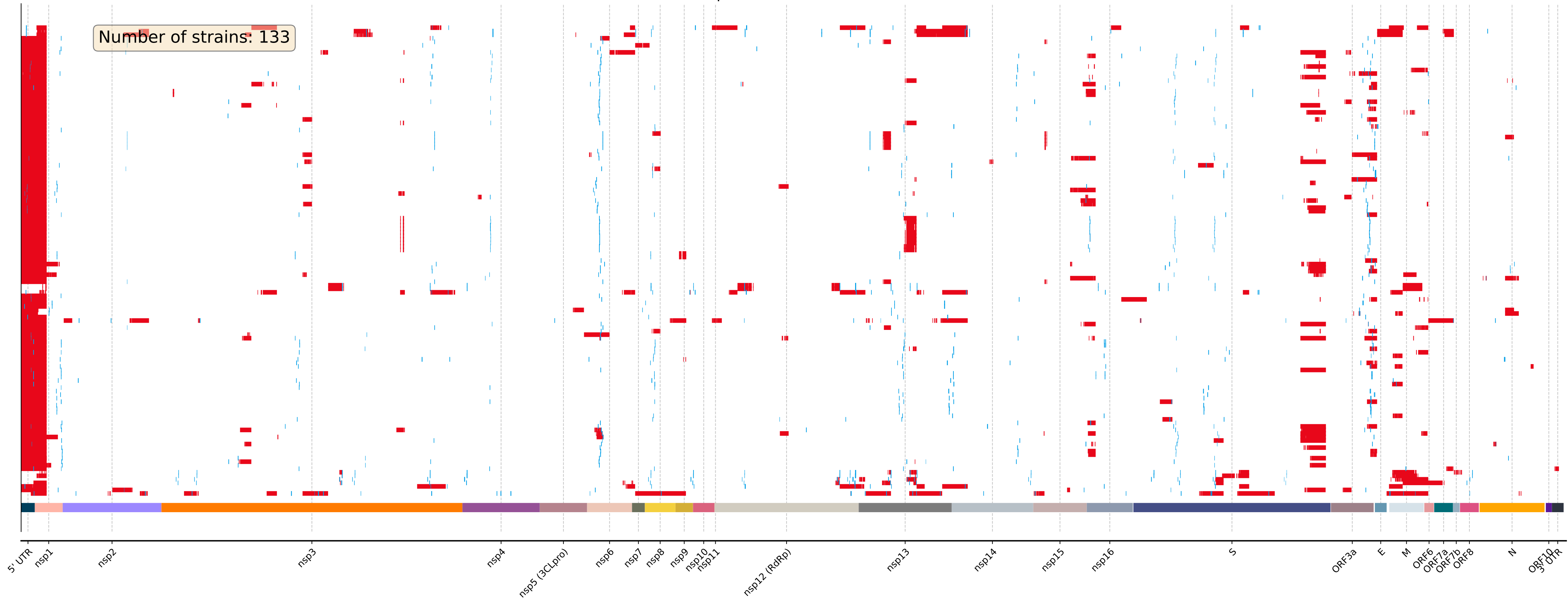
Betacoronavirus 1



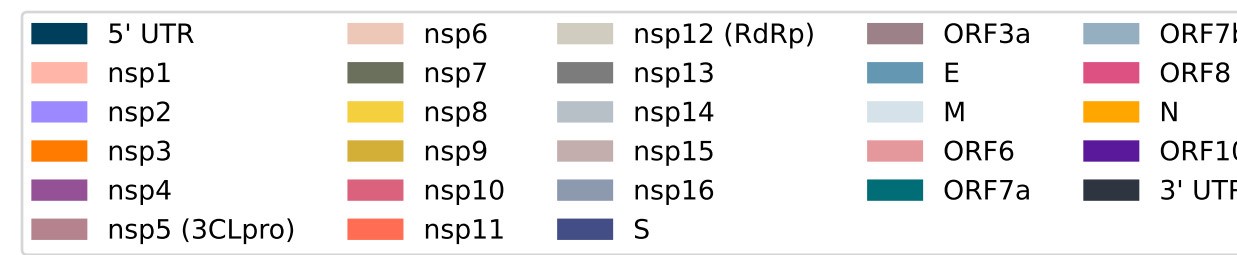


# Alphacoronavirus AMALF

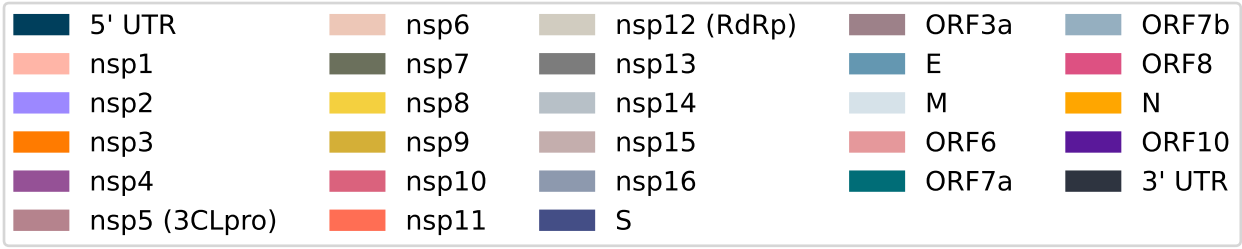
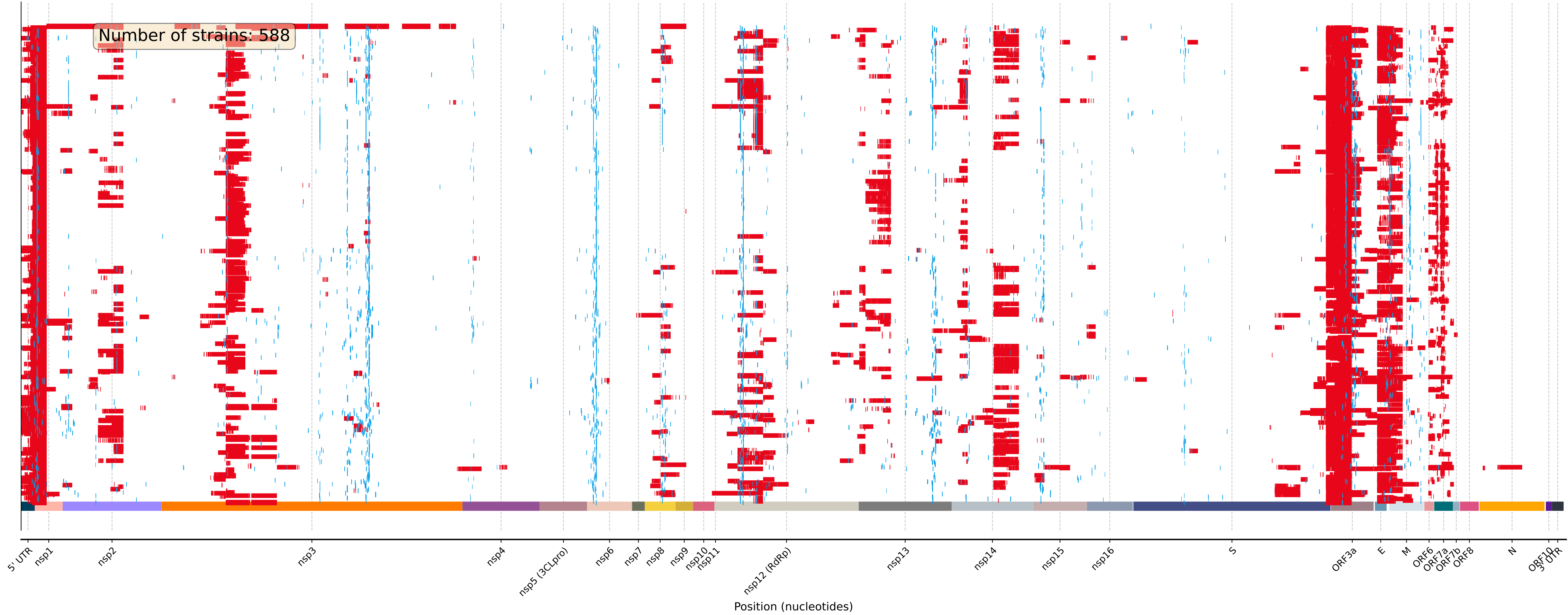
Number of strains: 133



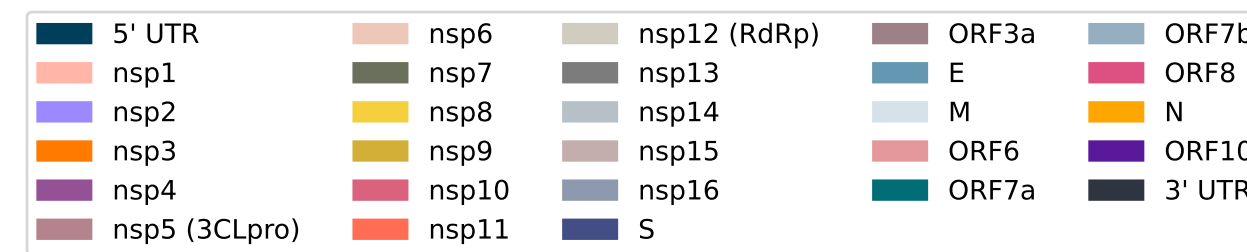
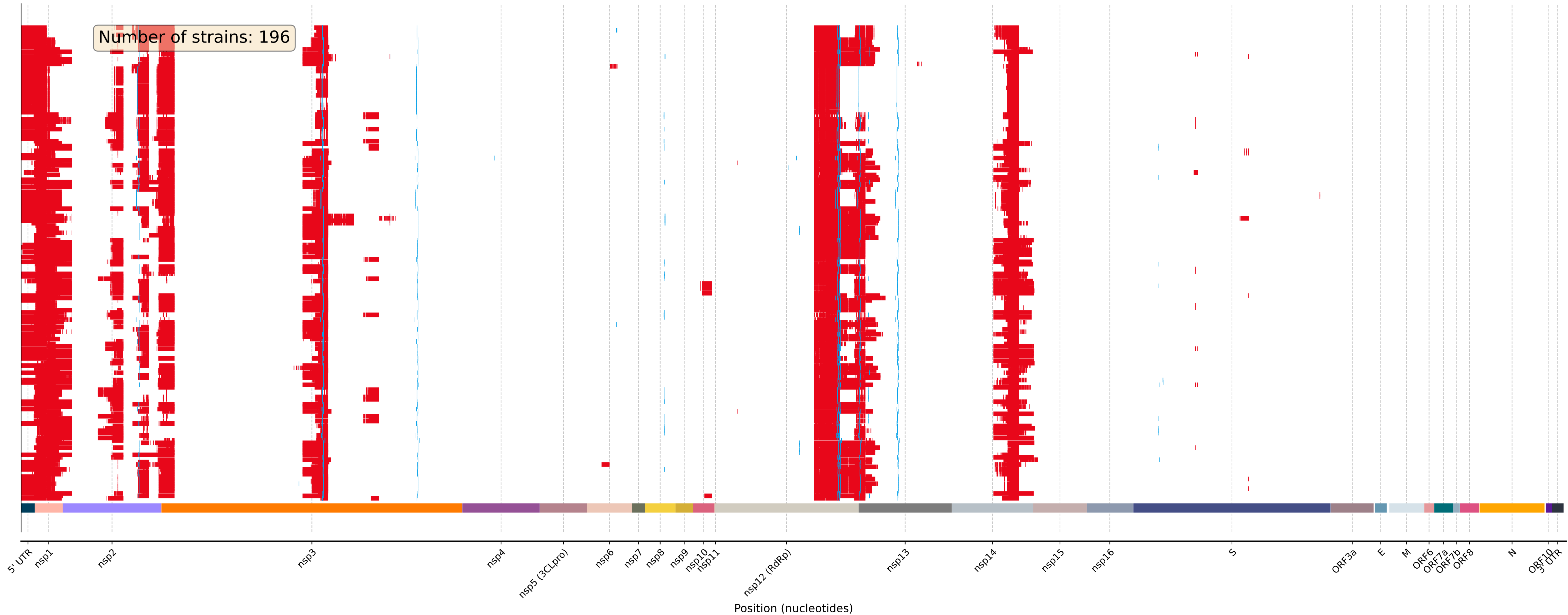
Position (nucleotides)



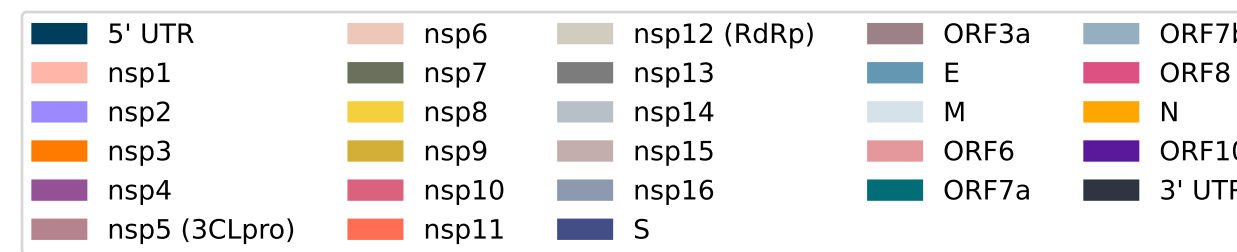
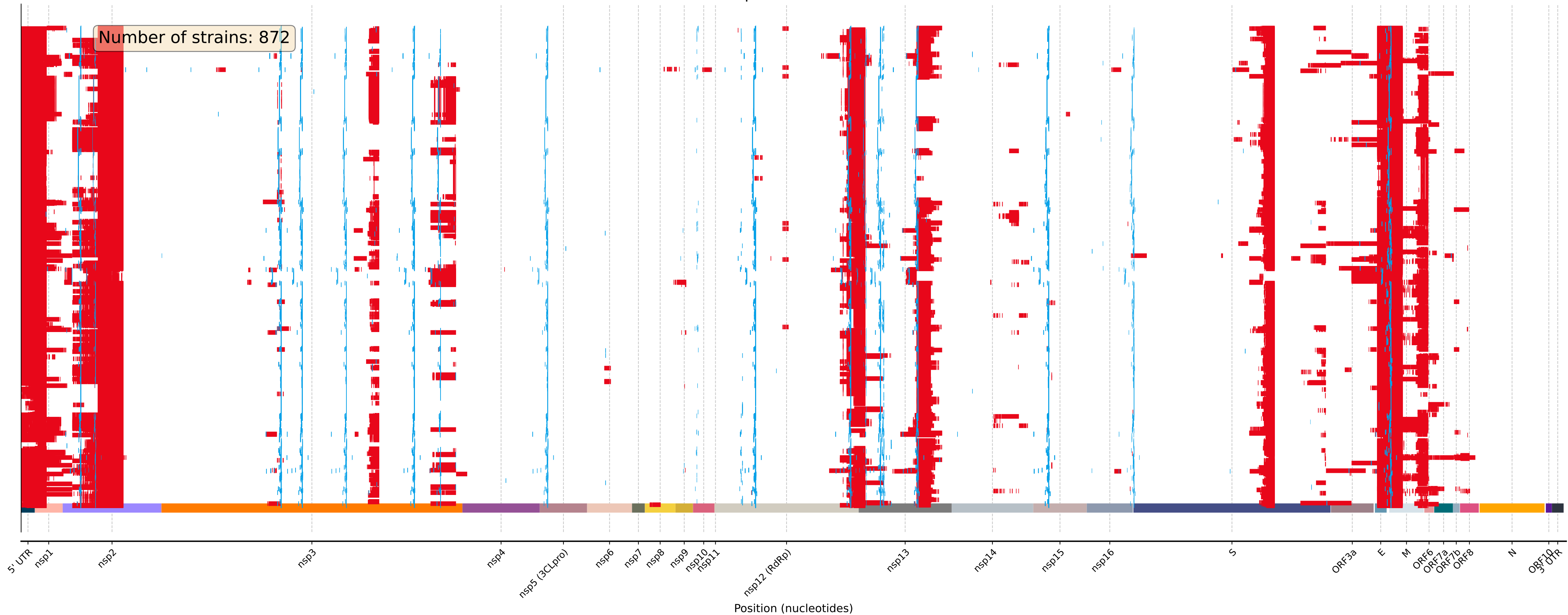
Avian coronavirus



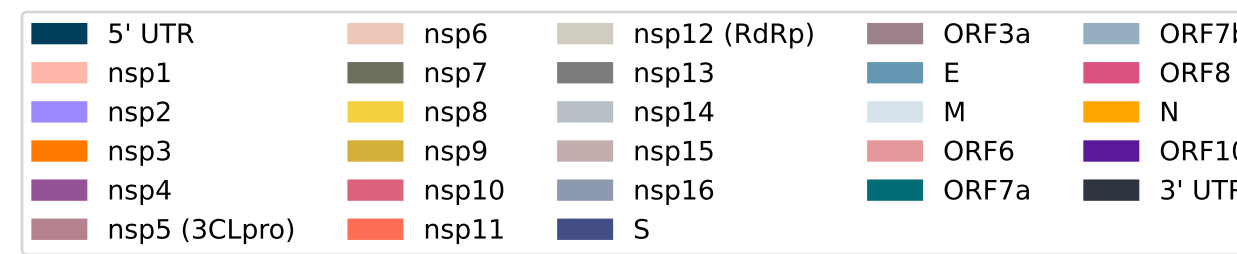
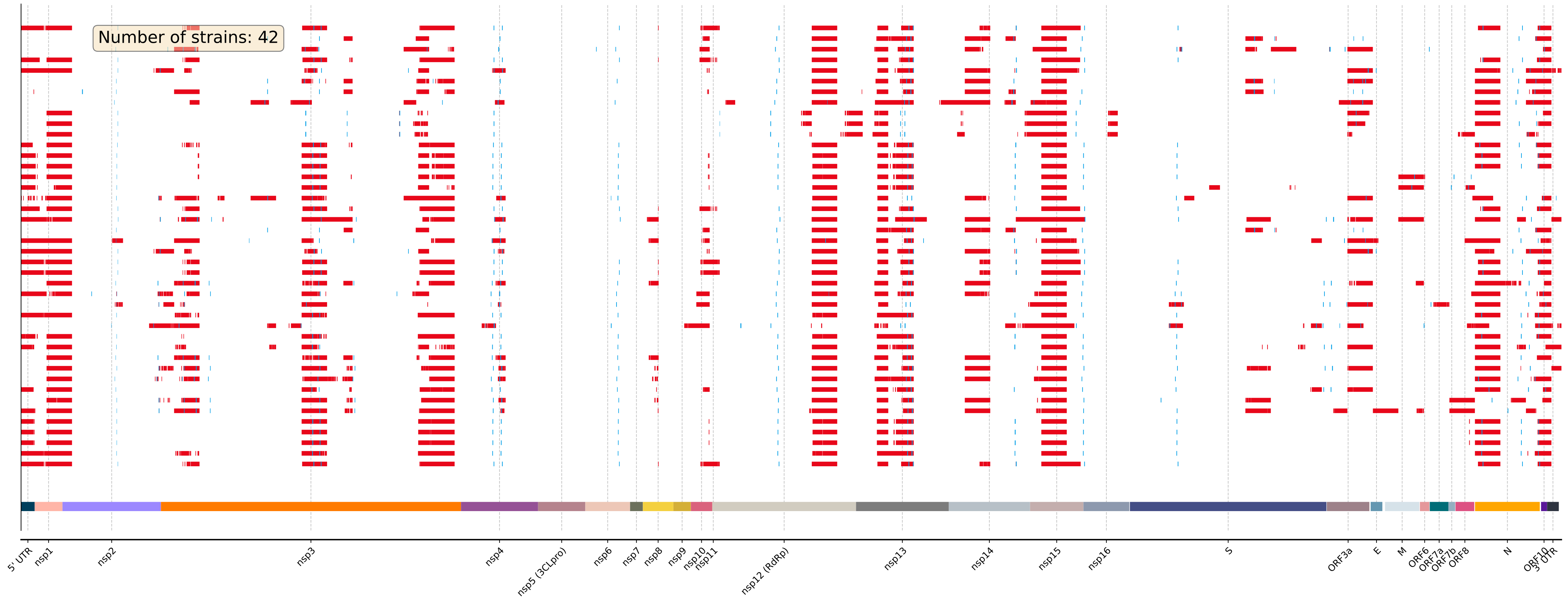
# Coronavirus HKU15



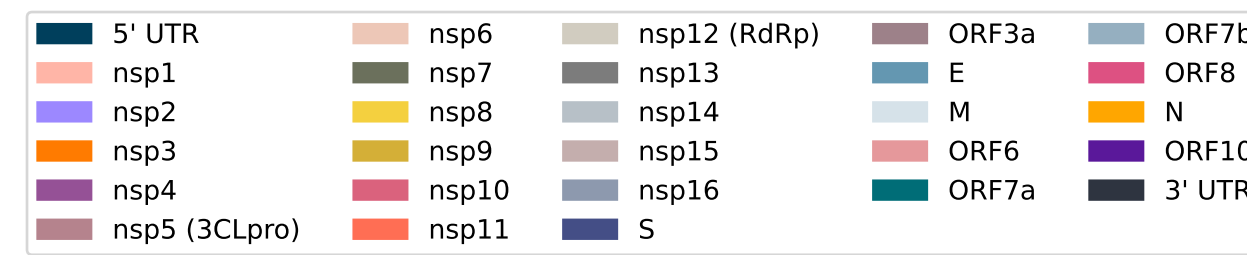
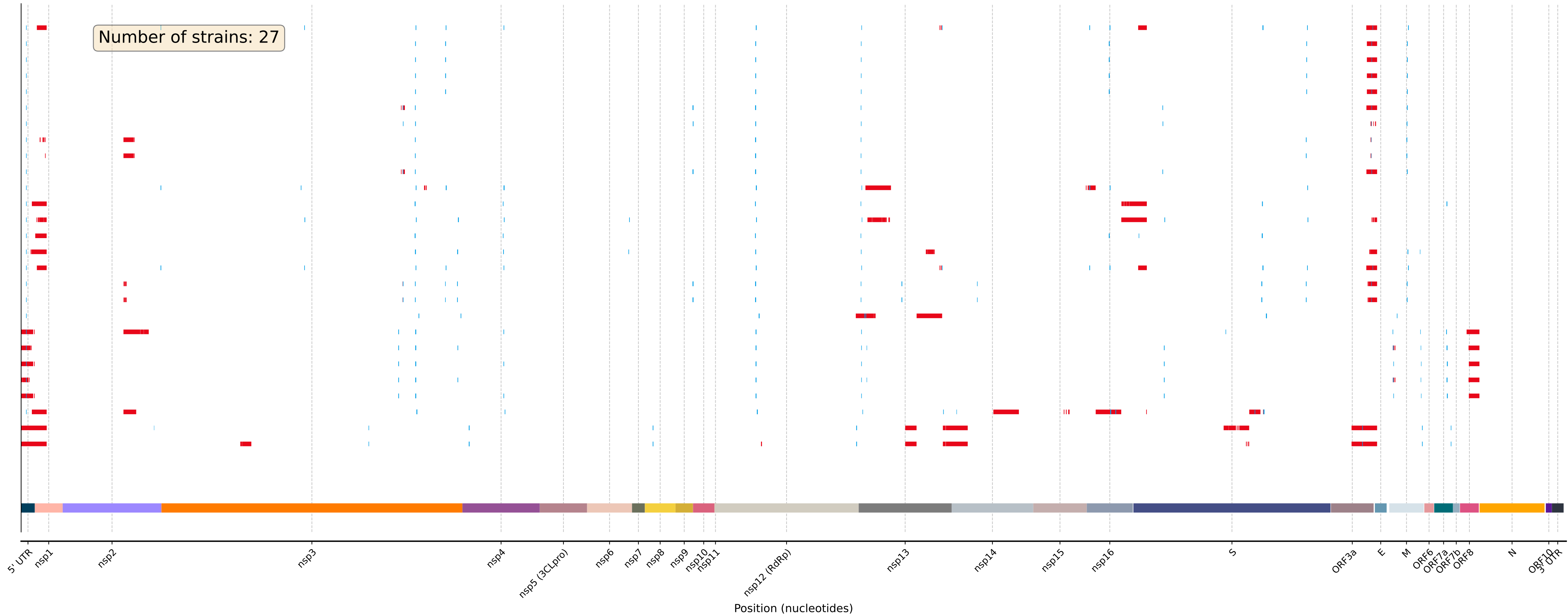
# Porcine epidemic diarrhea virus



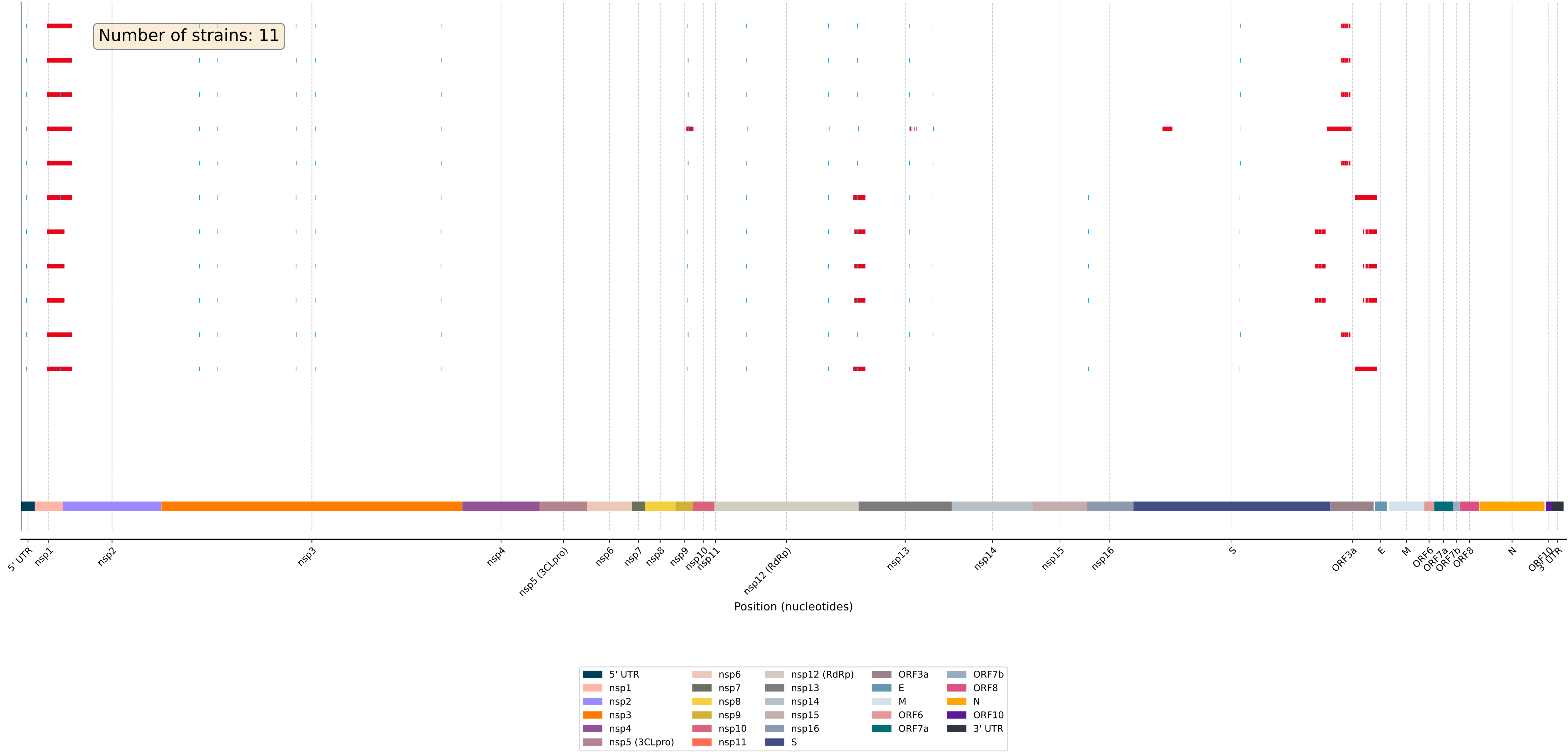
# Murine coronavirus



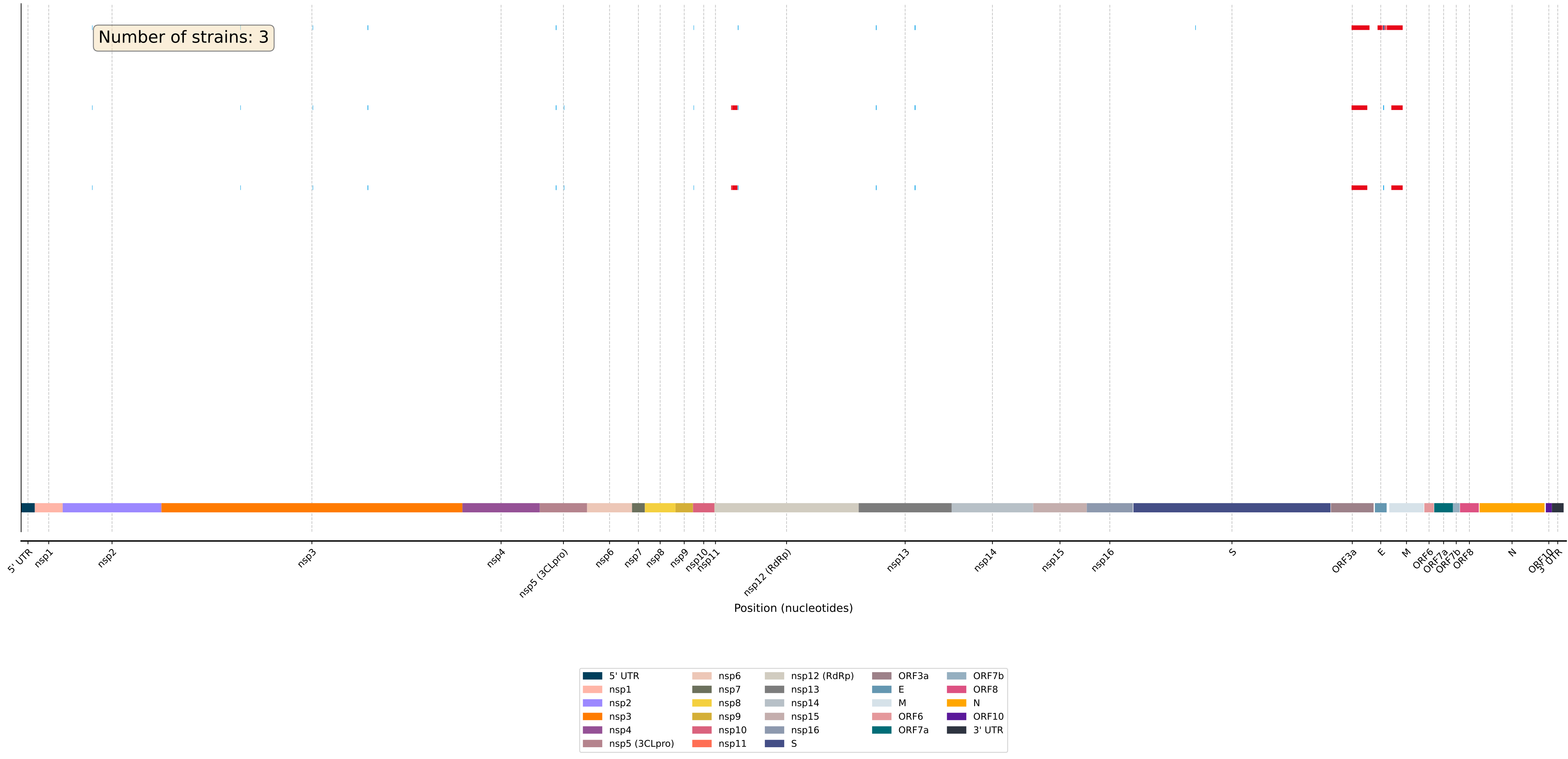
# Bat coronavirus HKU10



Rhinolophus bat coronavirus HKU2



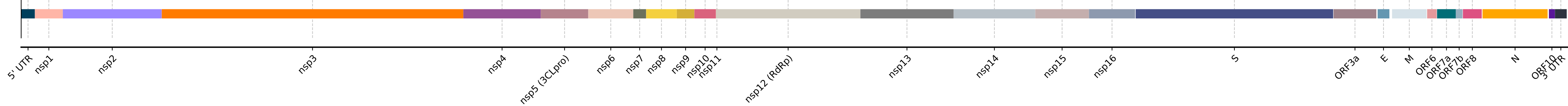
# Bat coronavirus CDPHE15



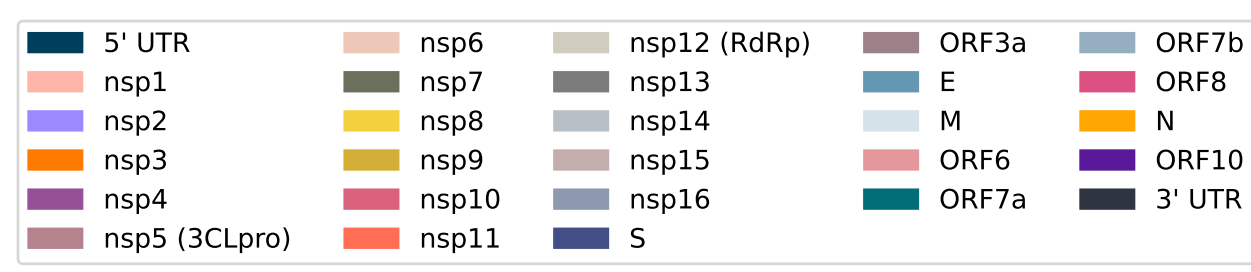


Alphacoronavirus BT020

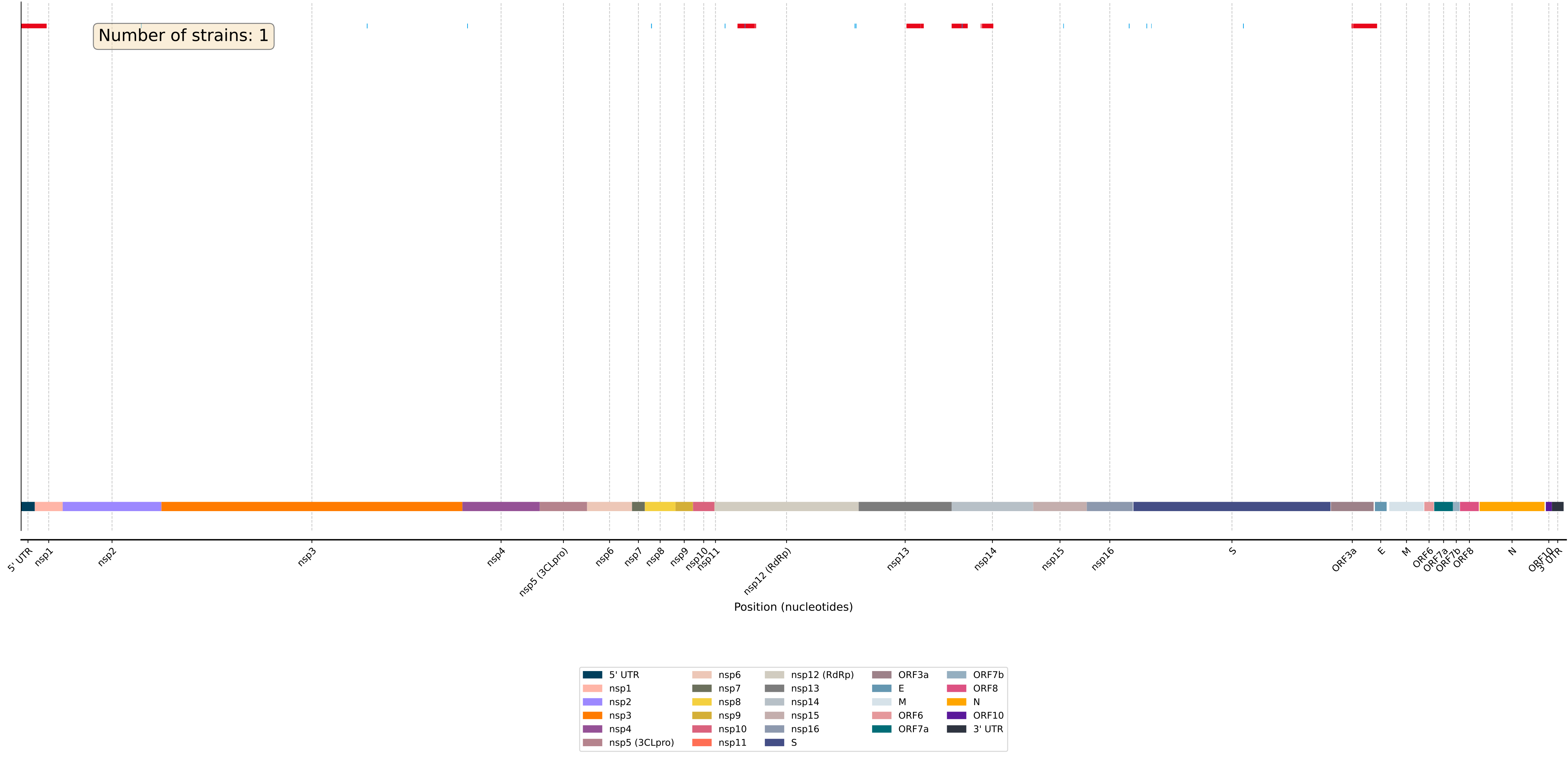
Number of strains: 1



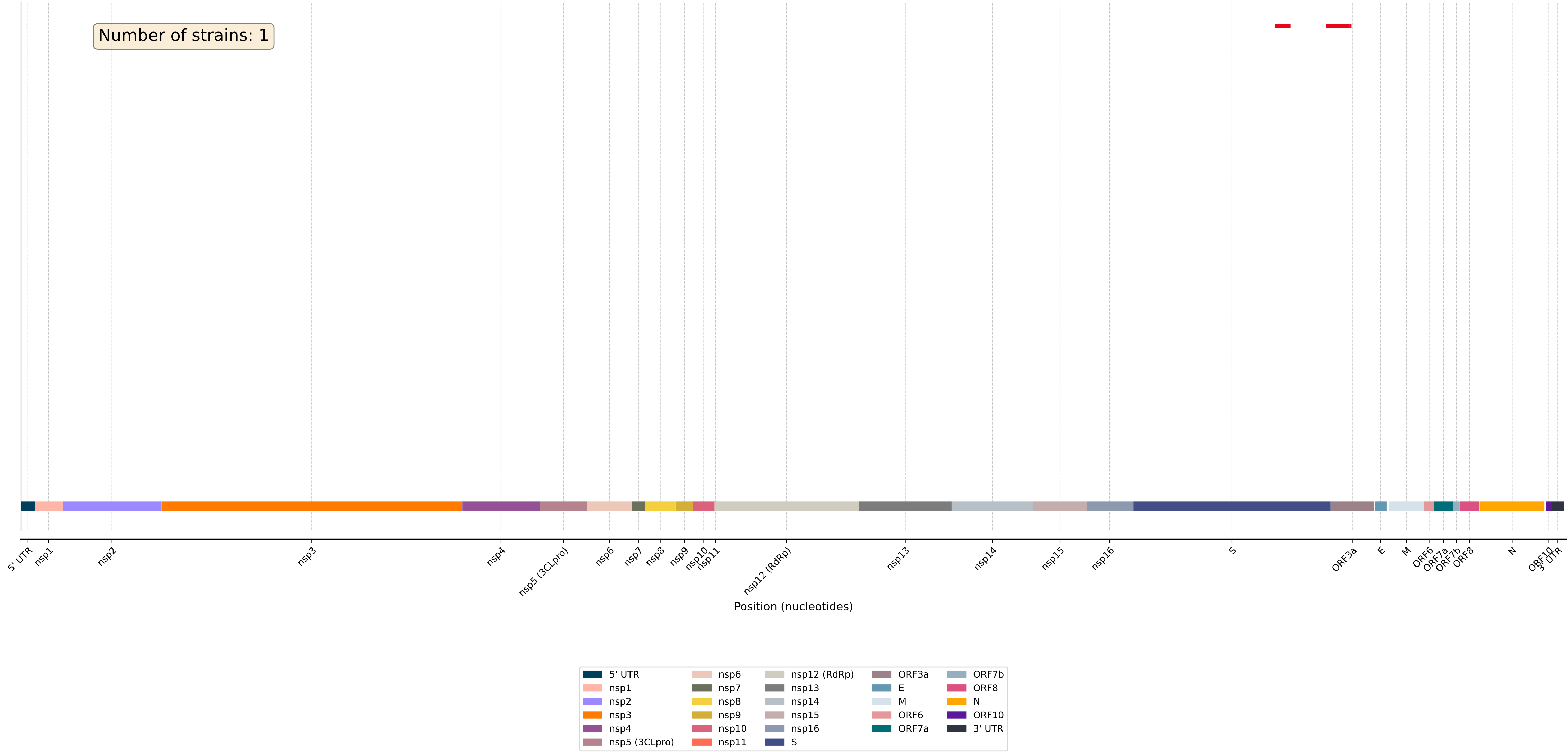
Position (nucleotides)



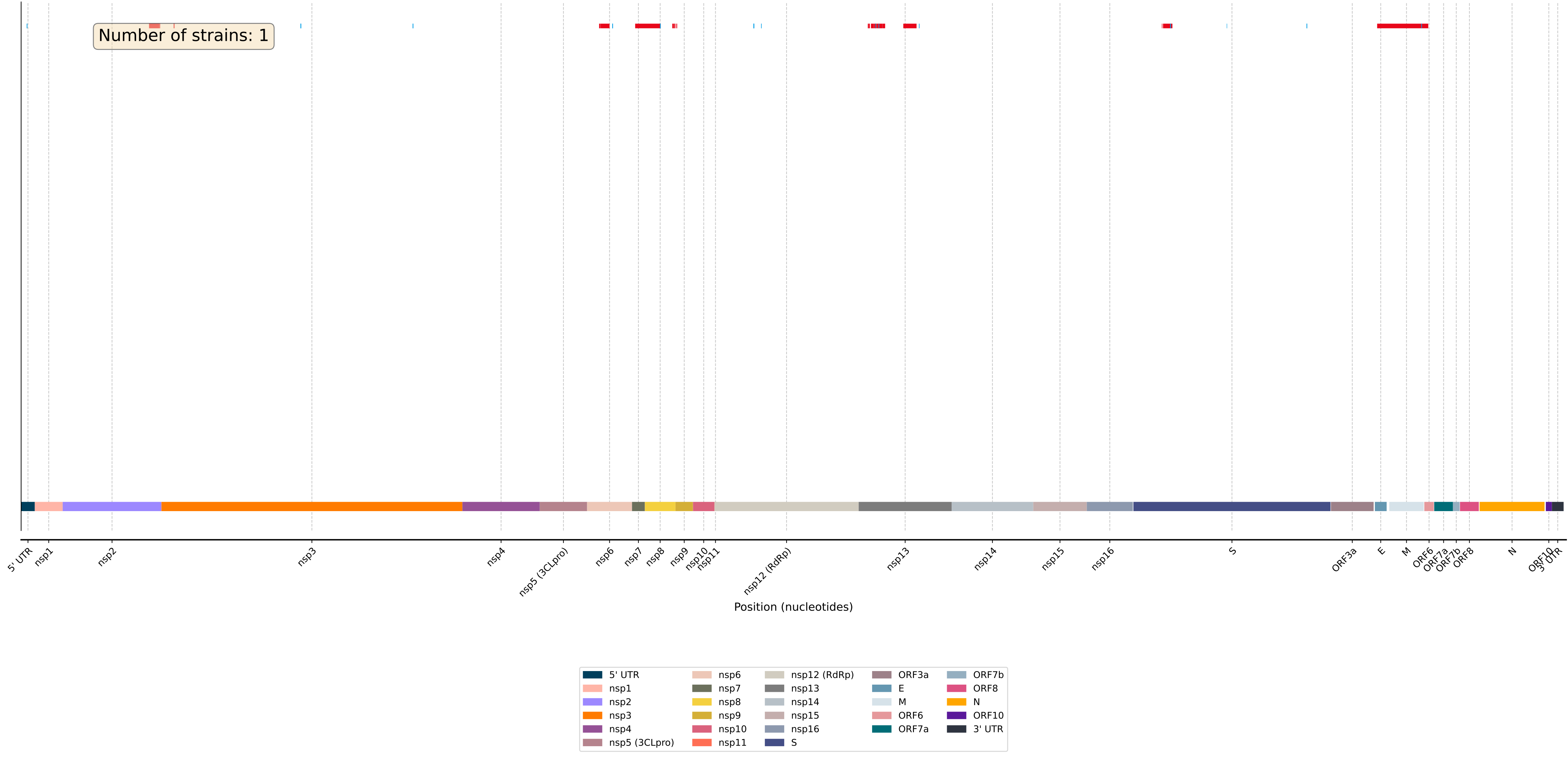
Alphacoronavirus CHB25



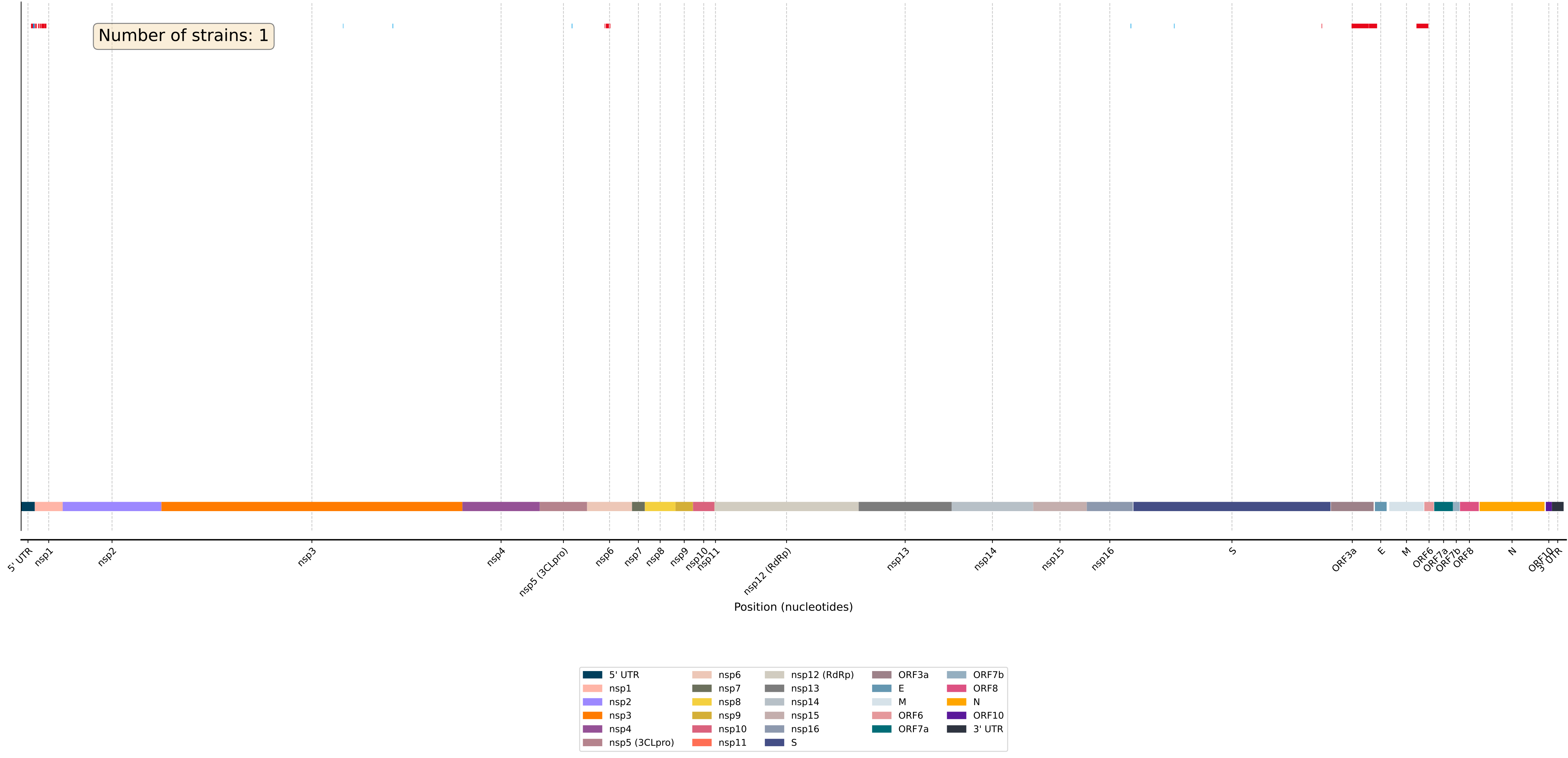
Alphacoronavirus HKU33



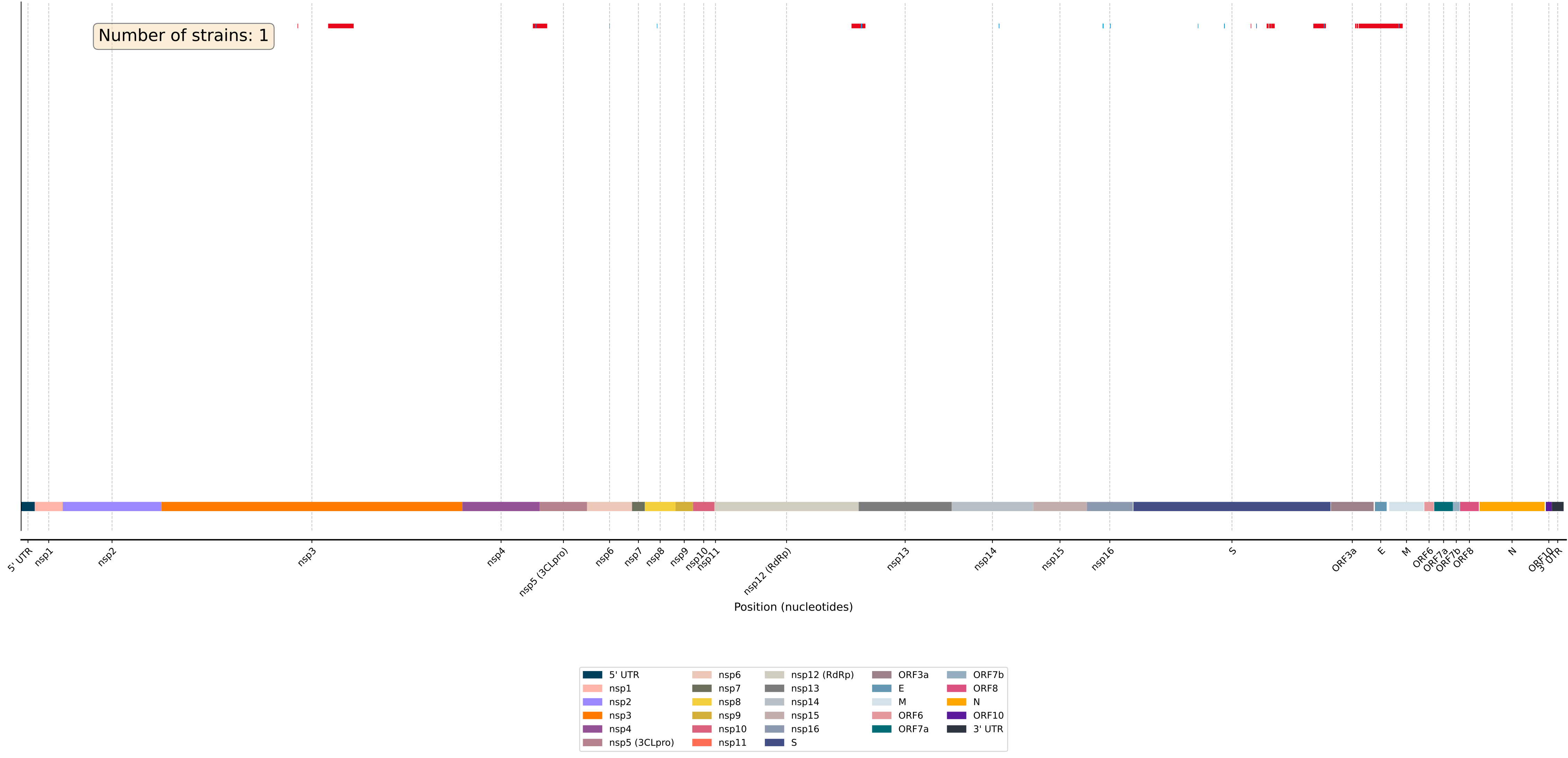
# Alphacoronavirus WA1087



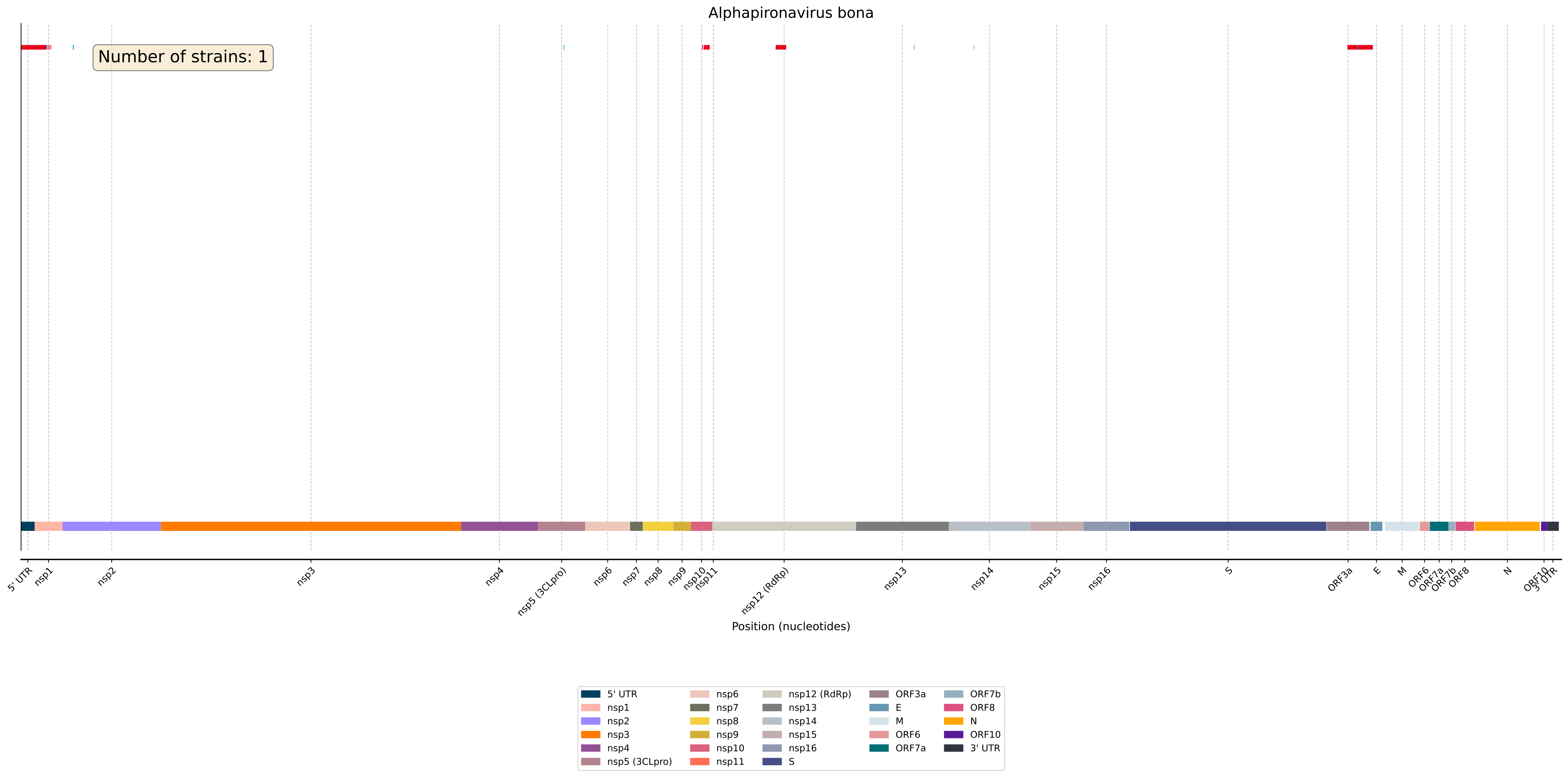
# Alphacoronavirus WA2028



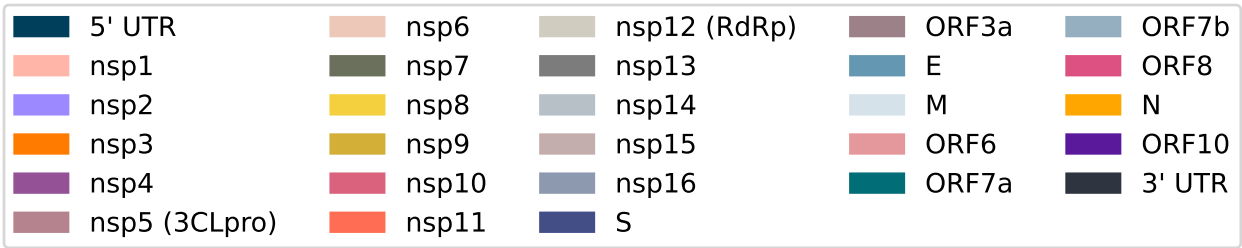
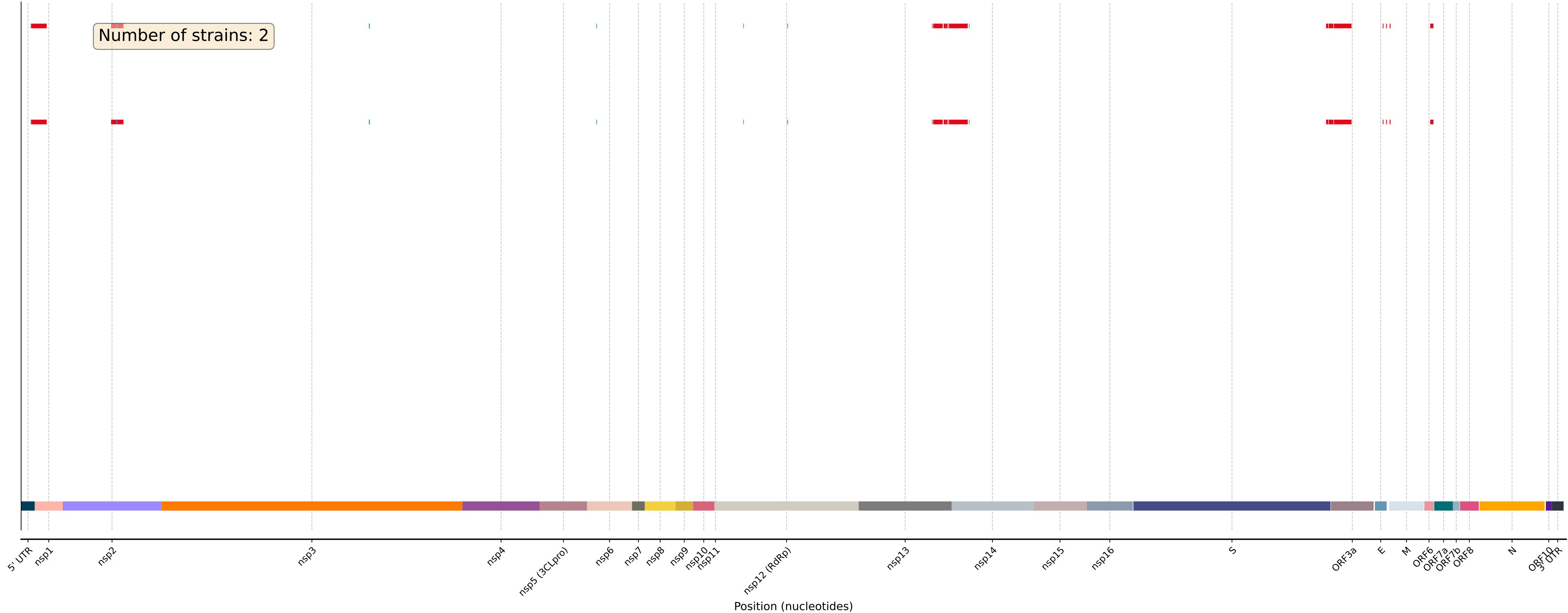
# Alphacoronavirus WA3607



Alphapironavirus bona

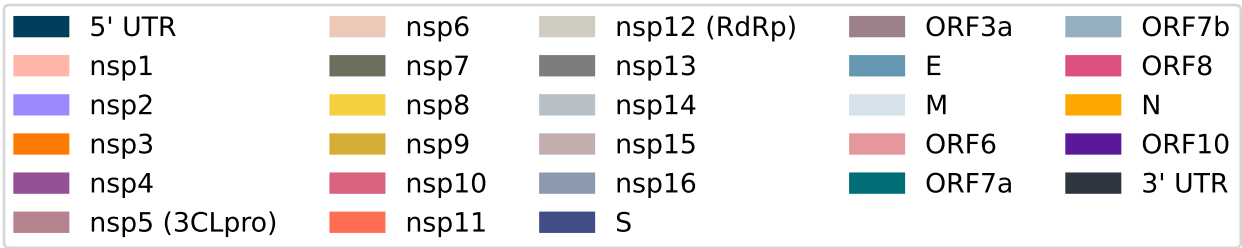
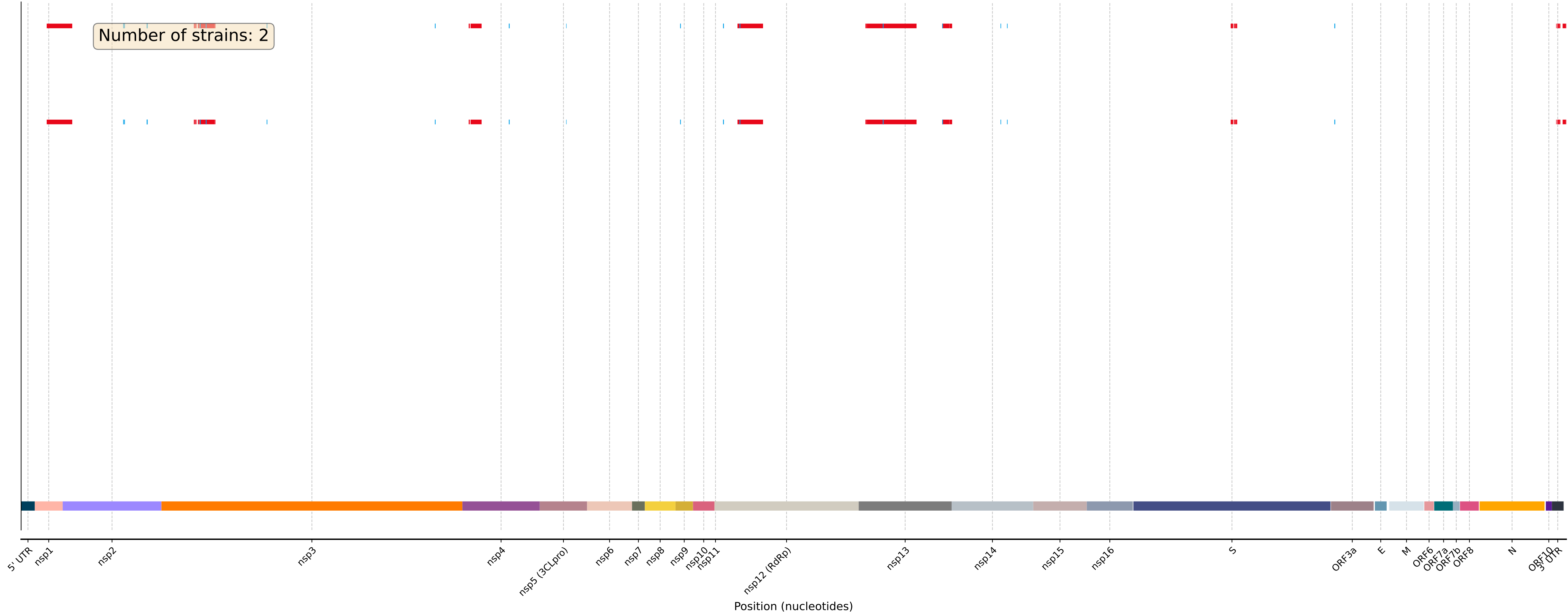


Avian coronavirus 9203

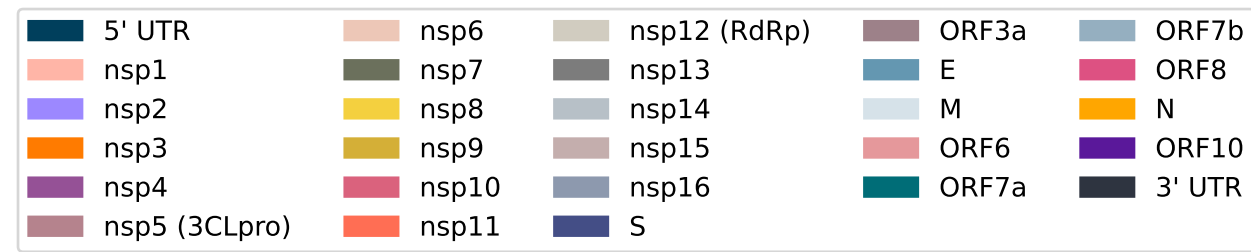
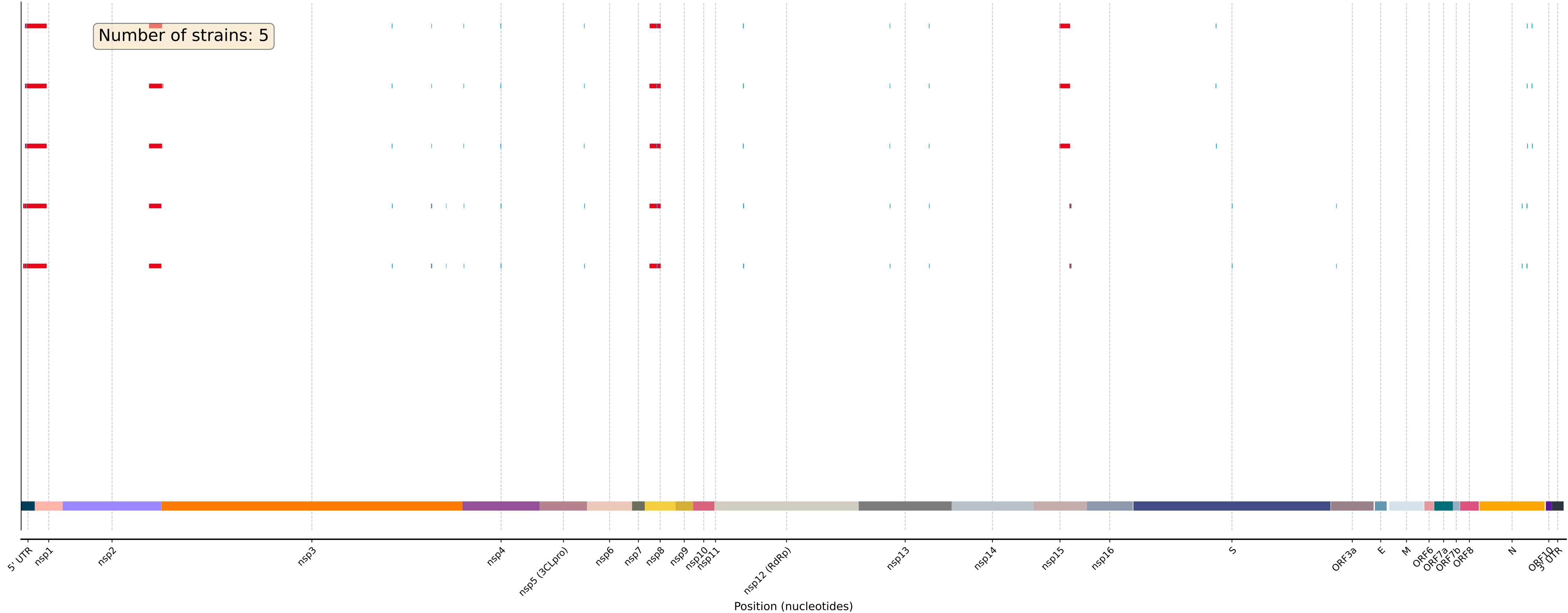




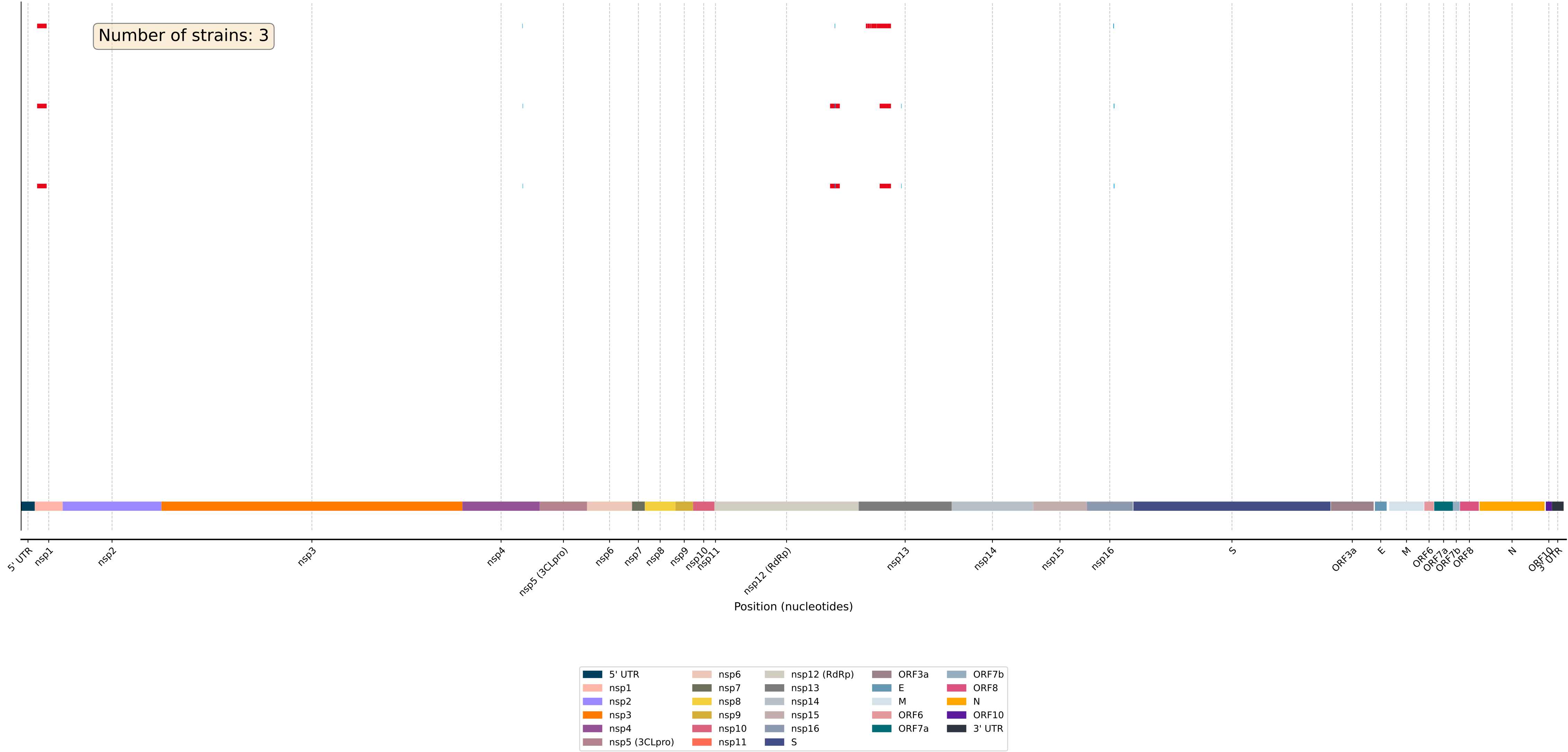
Bat Hp-betacoronavirus Zhejiang2013



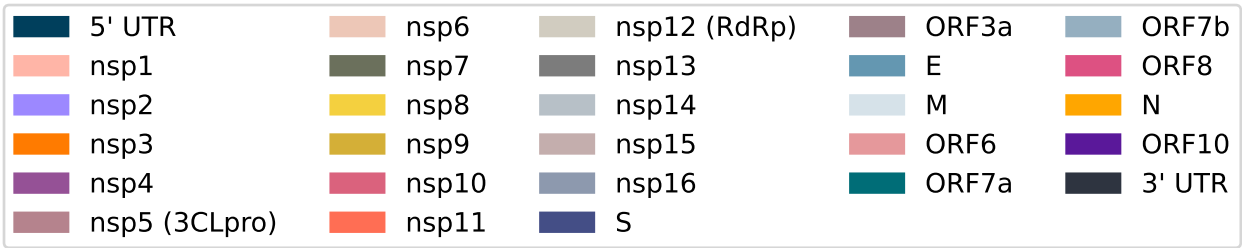
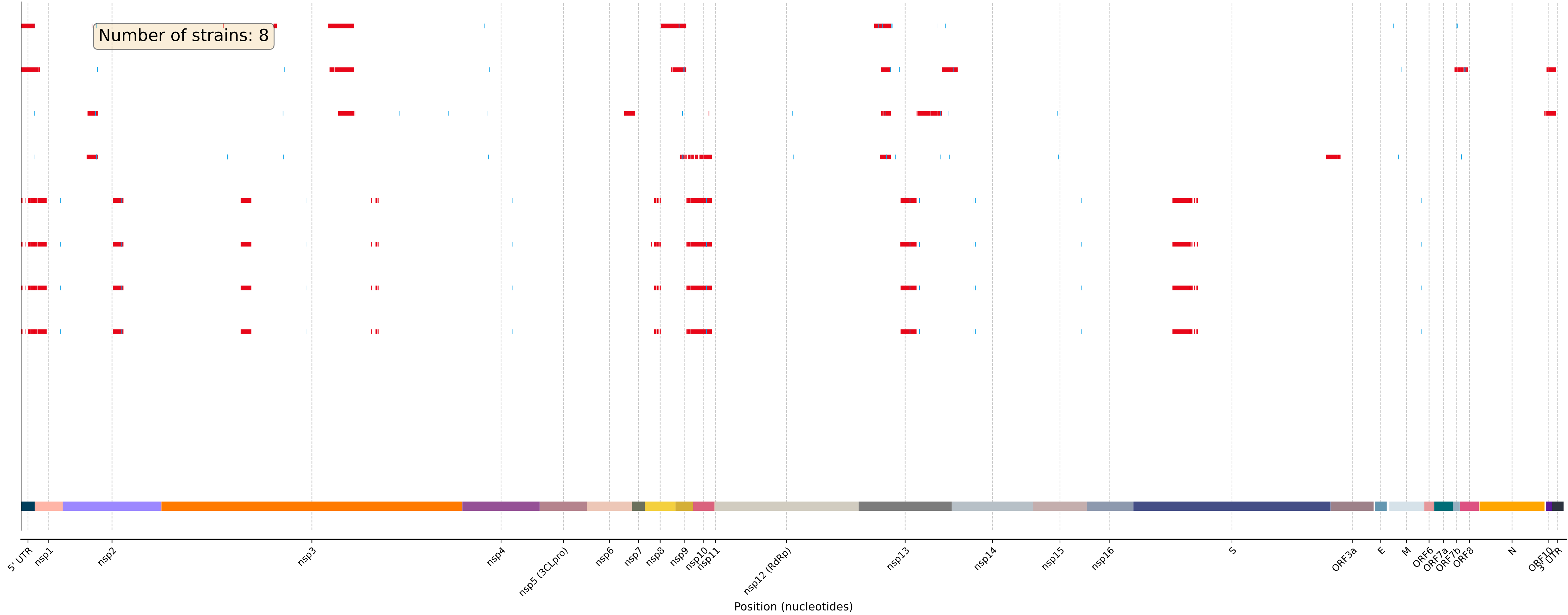
Beluga whale coronavirus SW1



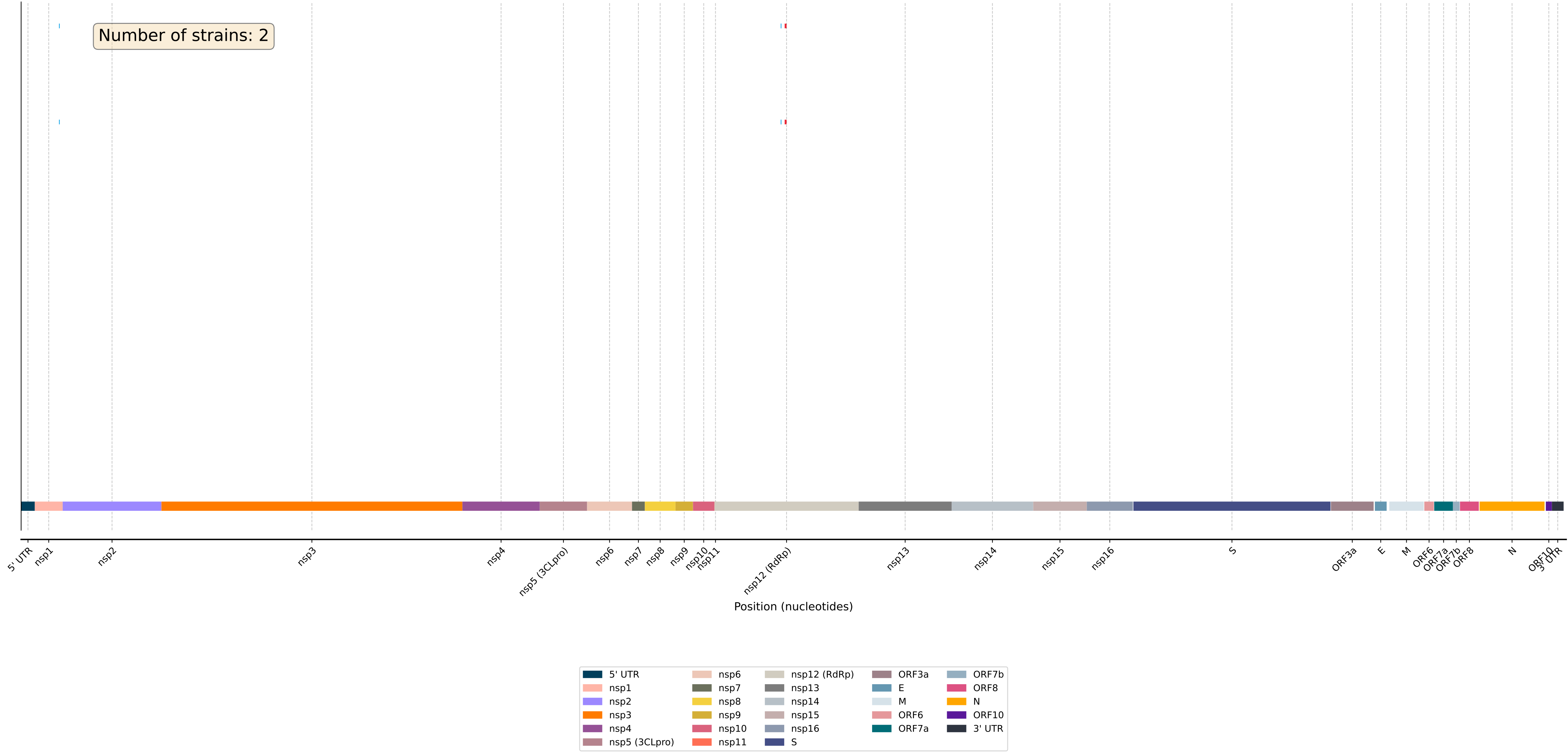
Bulbul coronavirus HKU11



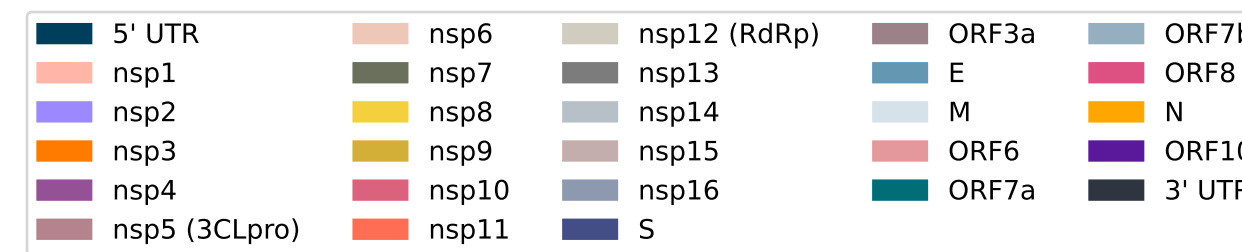
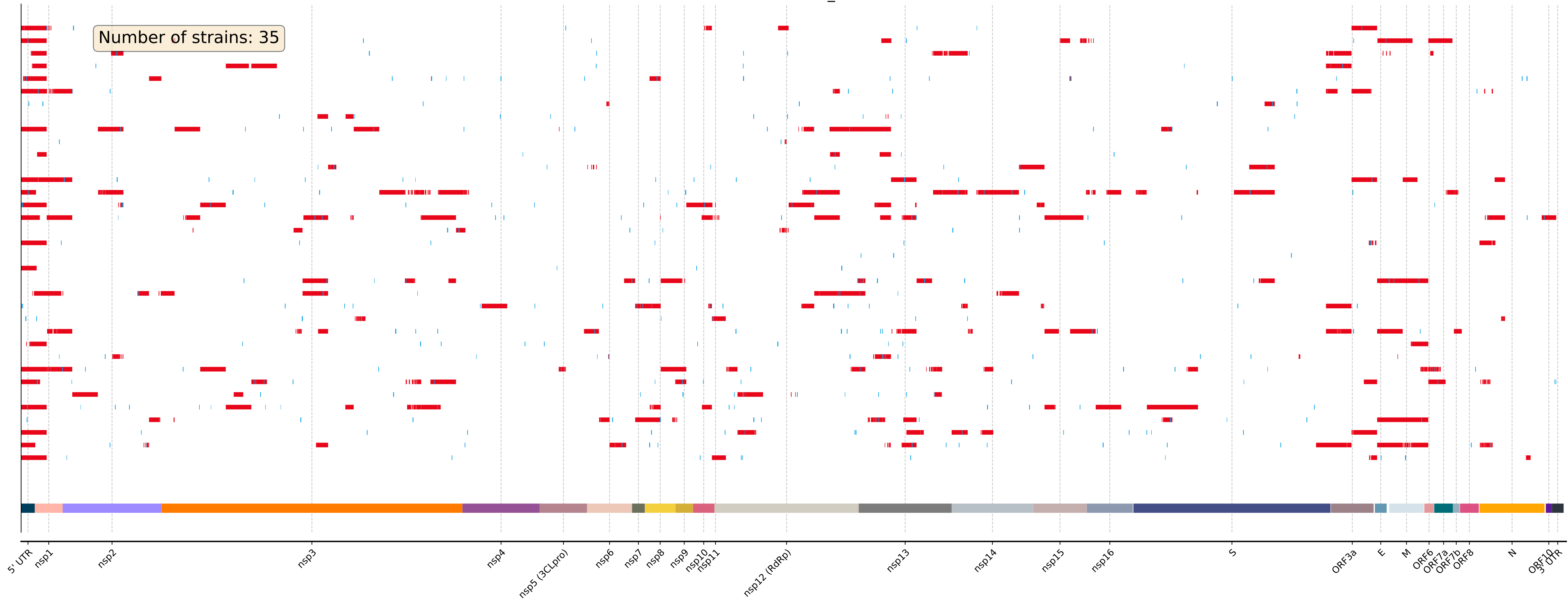
China Rattus coronavirus HKU24



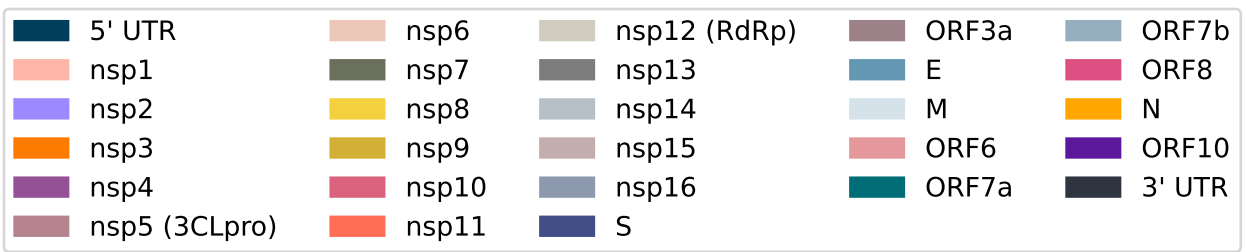
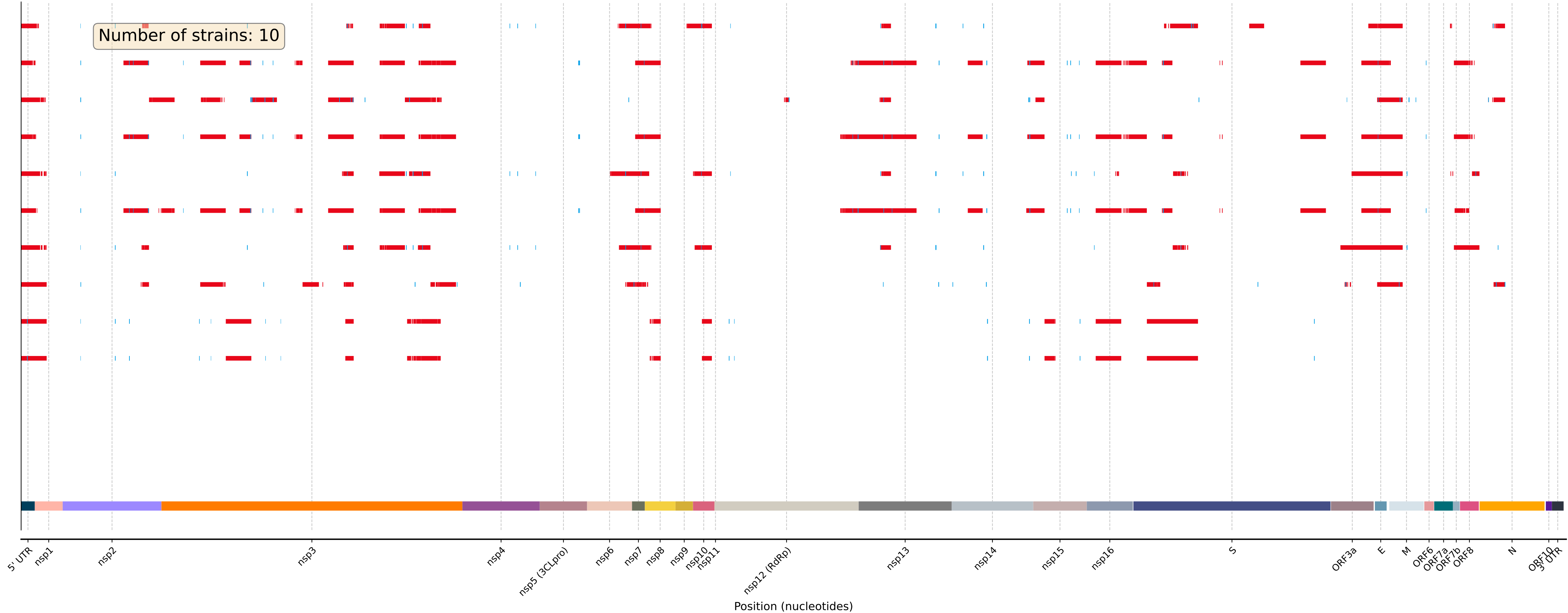
Common moorhen coronavirus HKU21



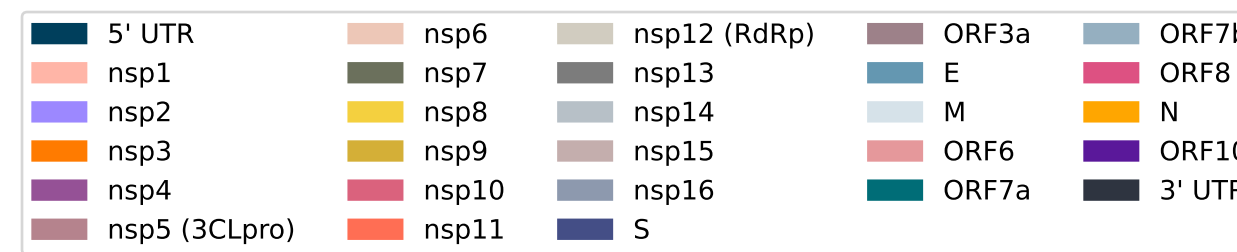
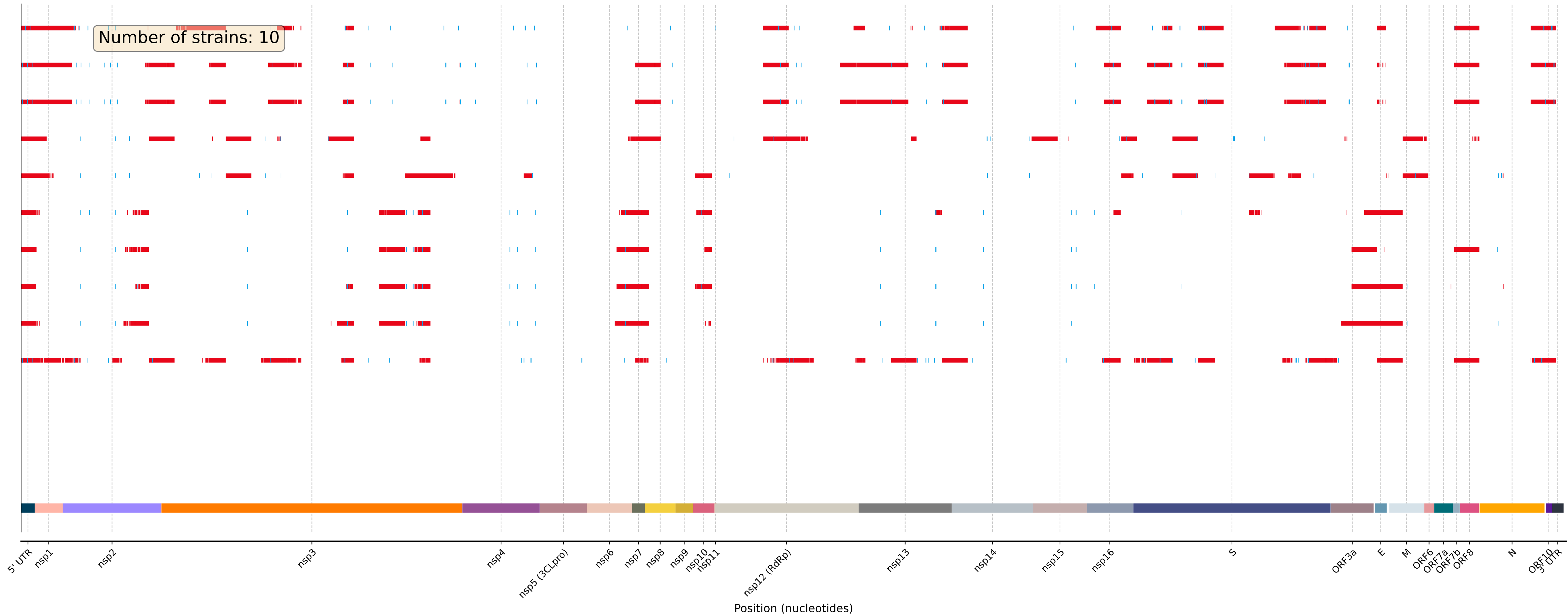
# Coronaviridae\_refs



Rousettus bat coronavirus HKU9

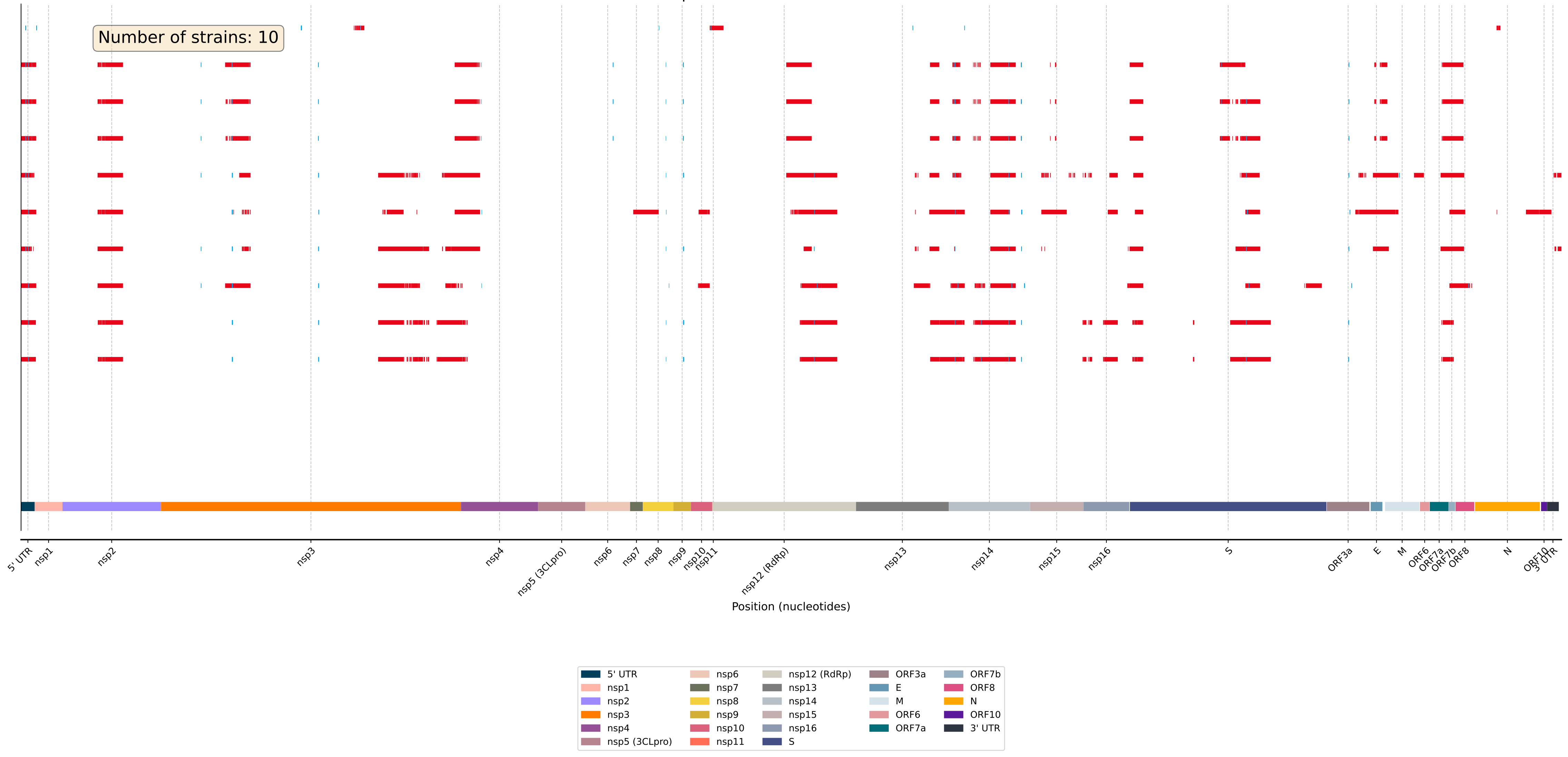


# Rousettus bat coronavirus GCCDC1

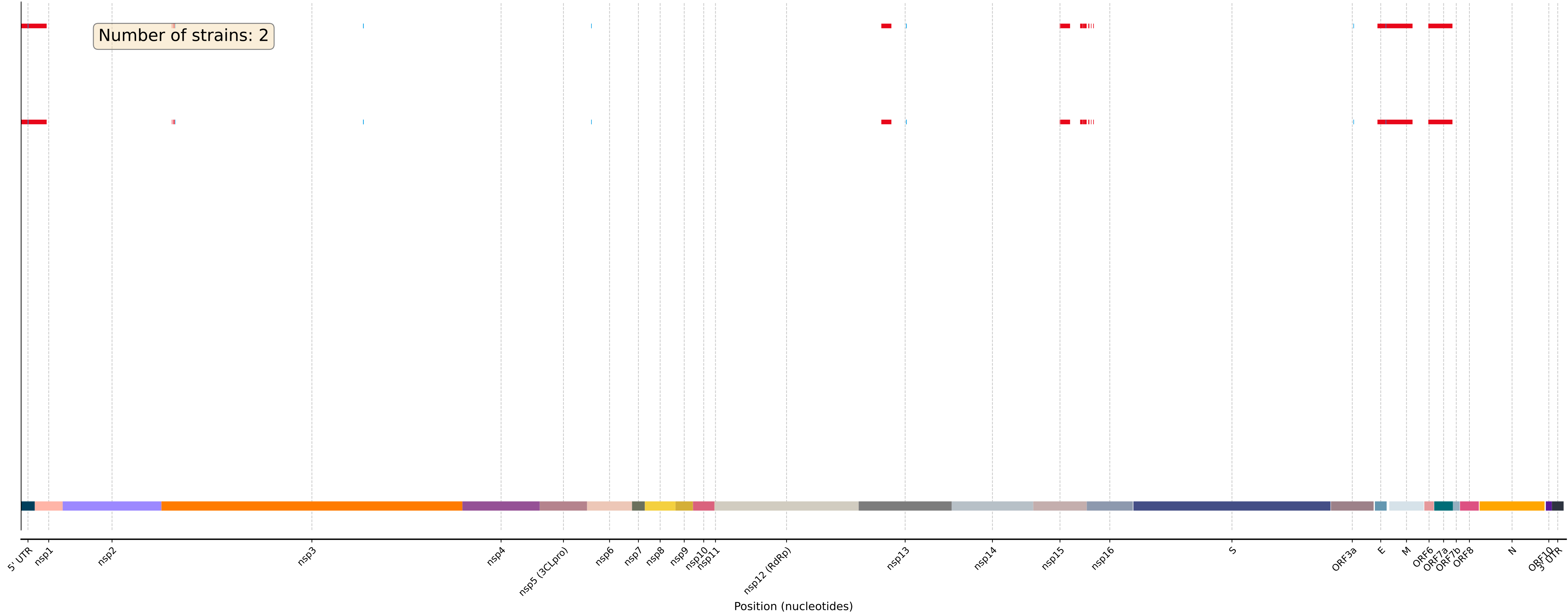




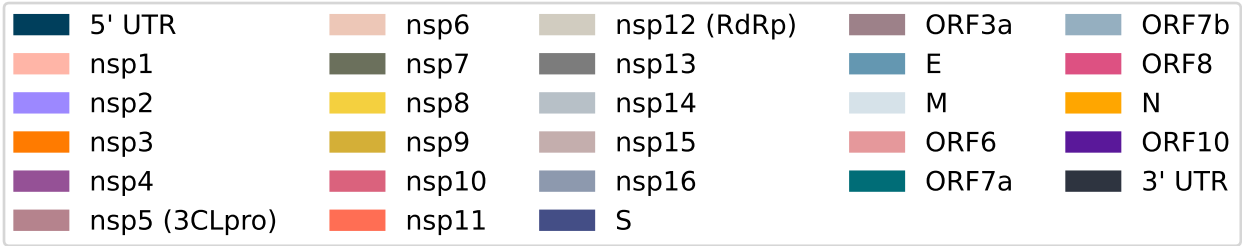
Pipistrellus bat coronavirus HKU5



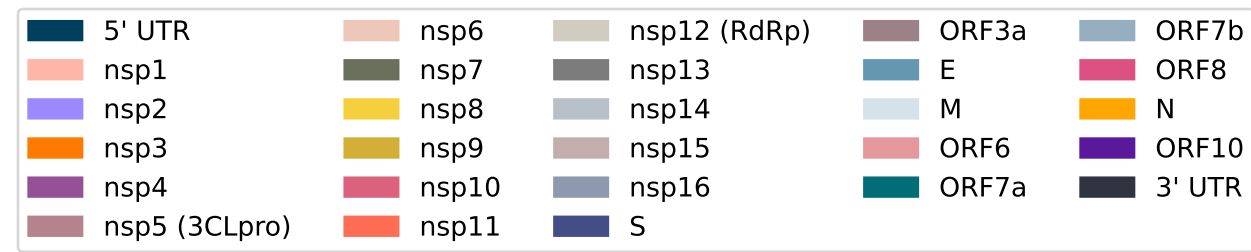
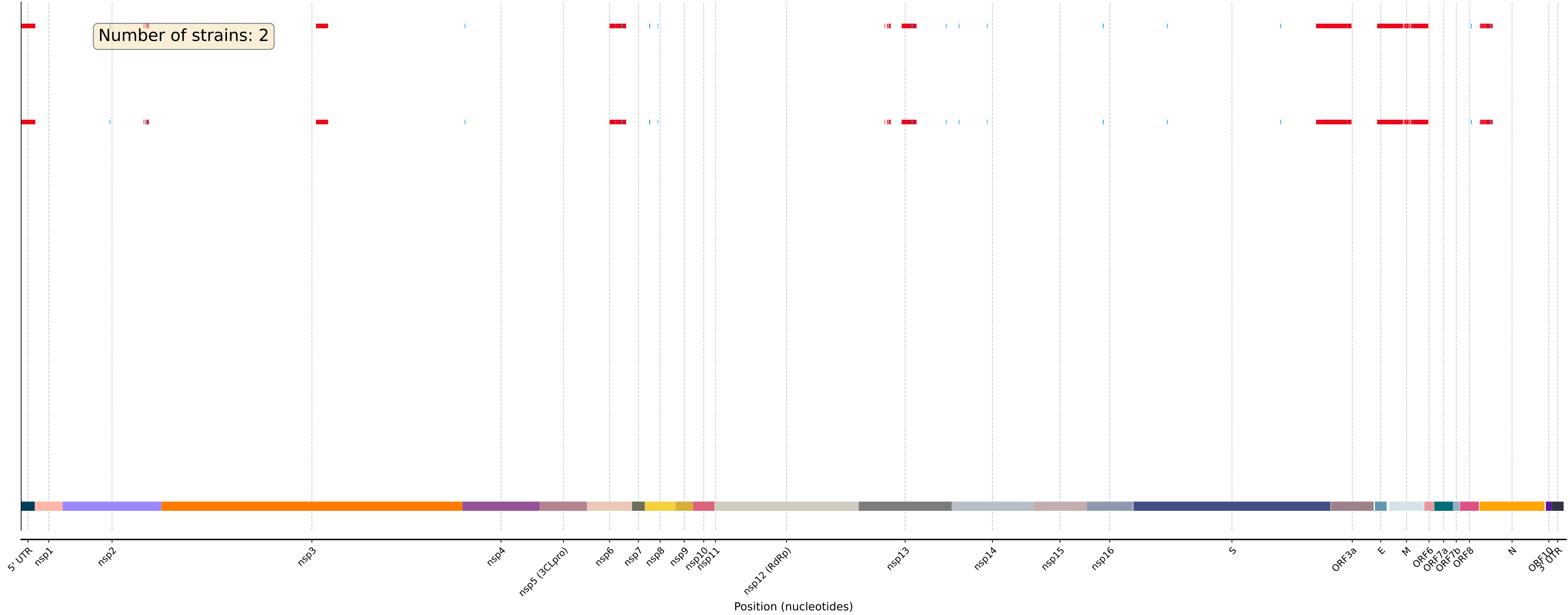
Duck coronavirus 2714



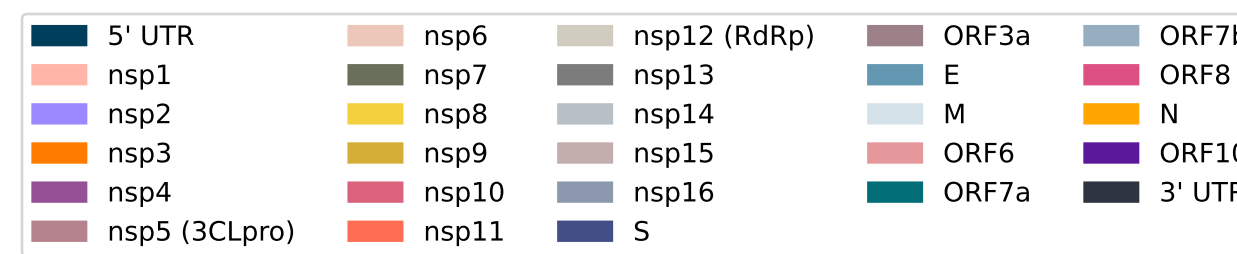
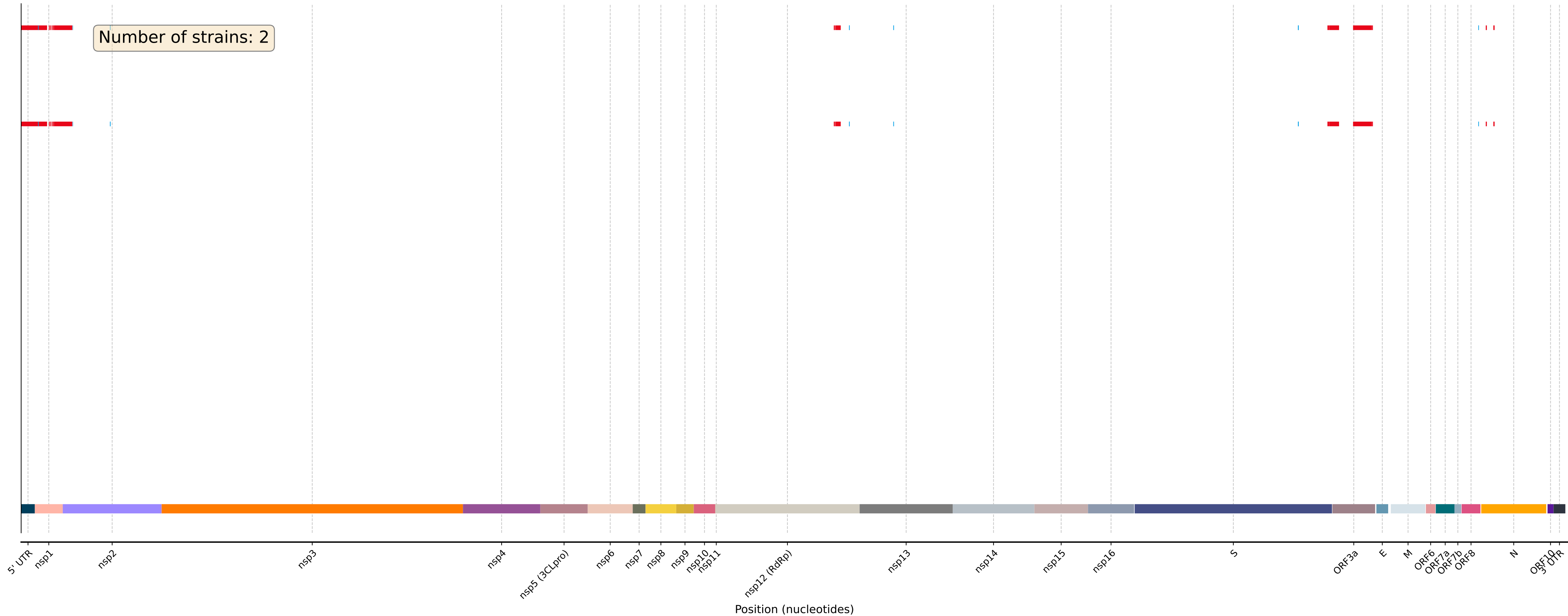
Number of strains: 2



Eidolon helvum bat coronavirus CMR704-P12

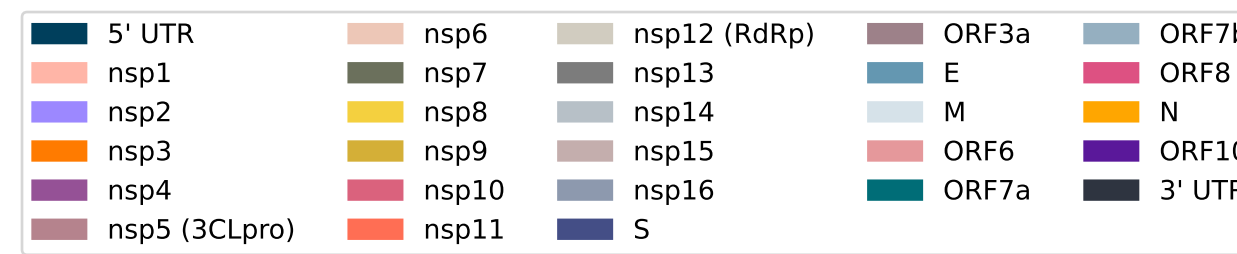
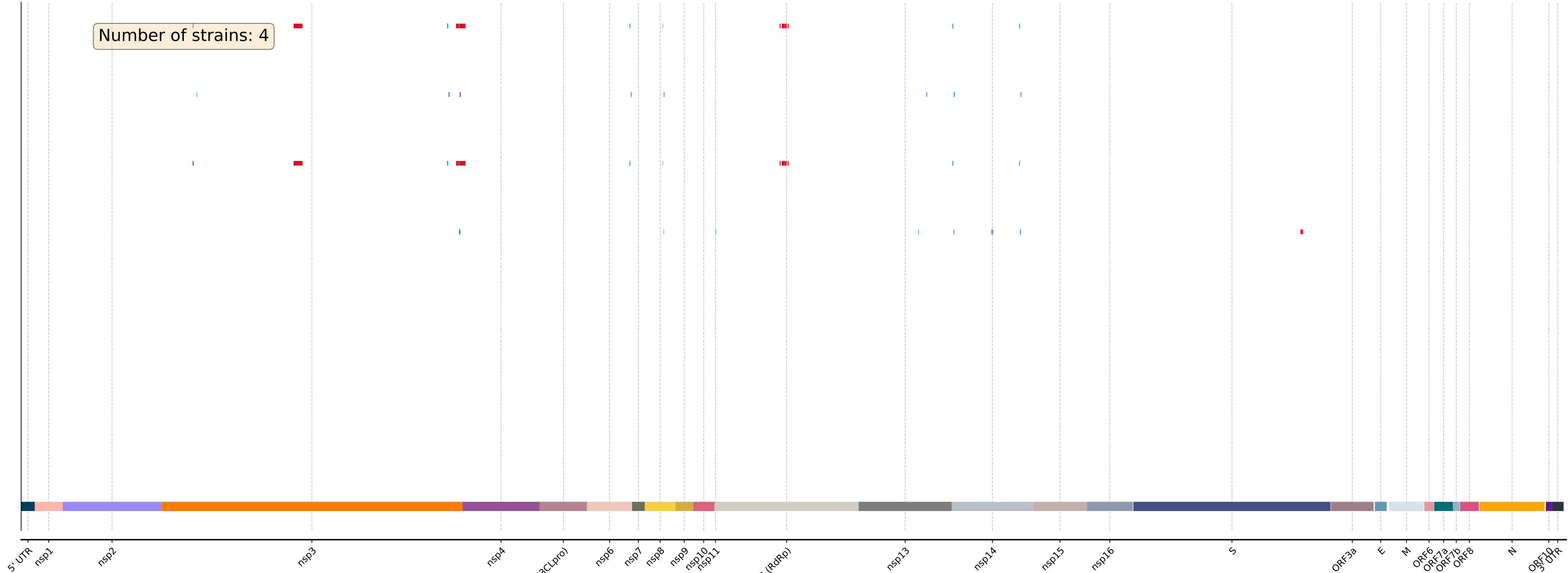


# Goose coronavirus CB17

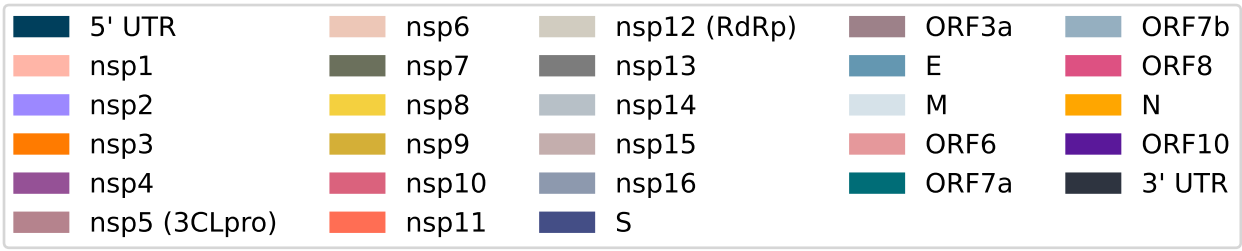
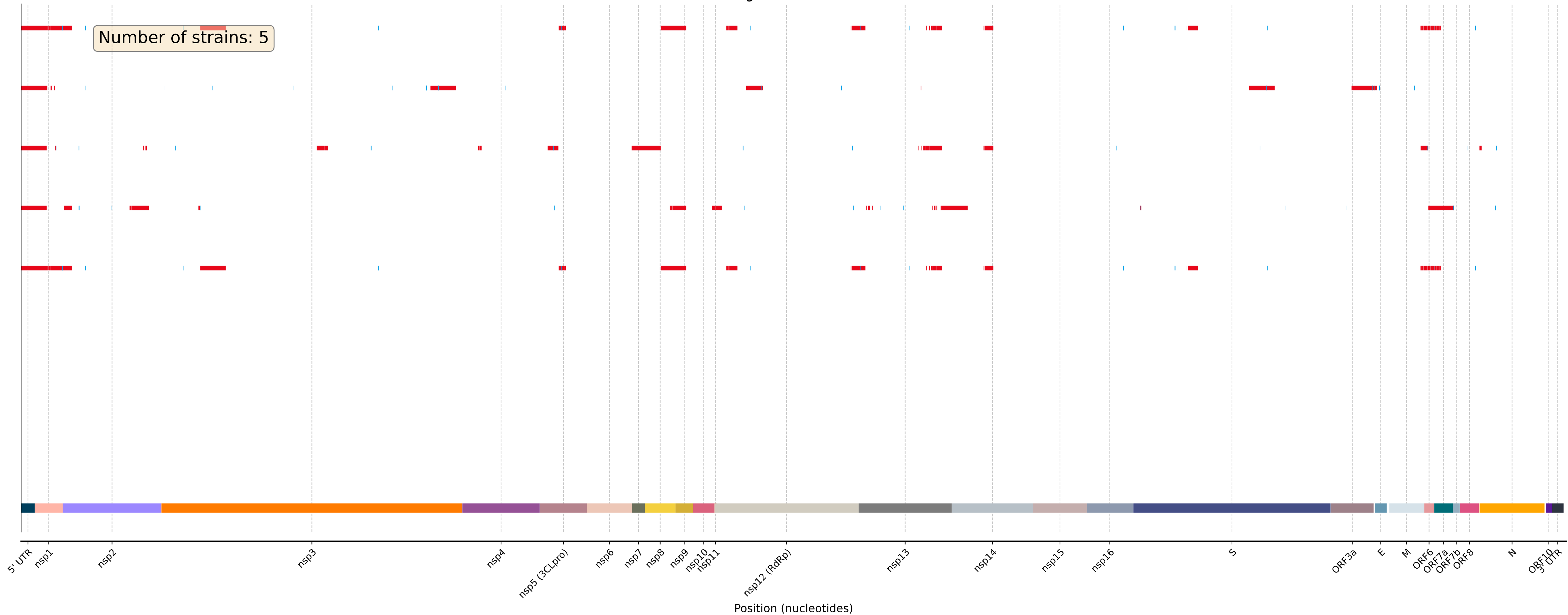


# Hedgehog coronavirus 1

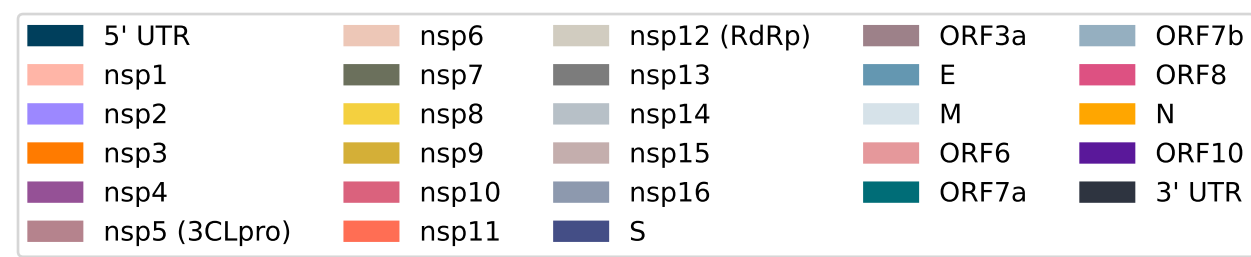
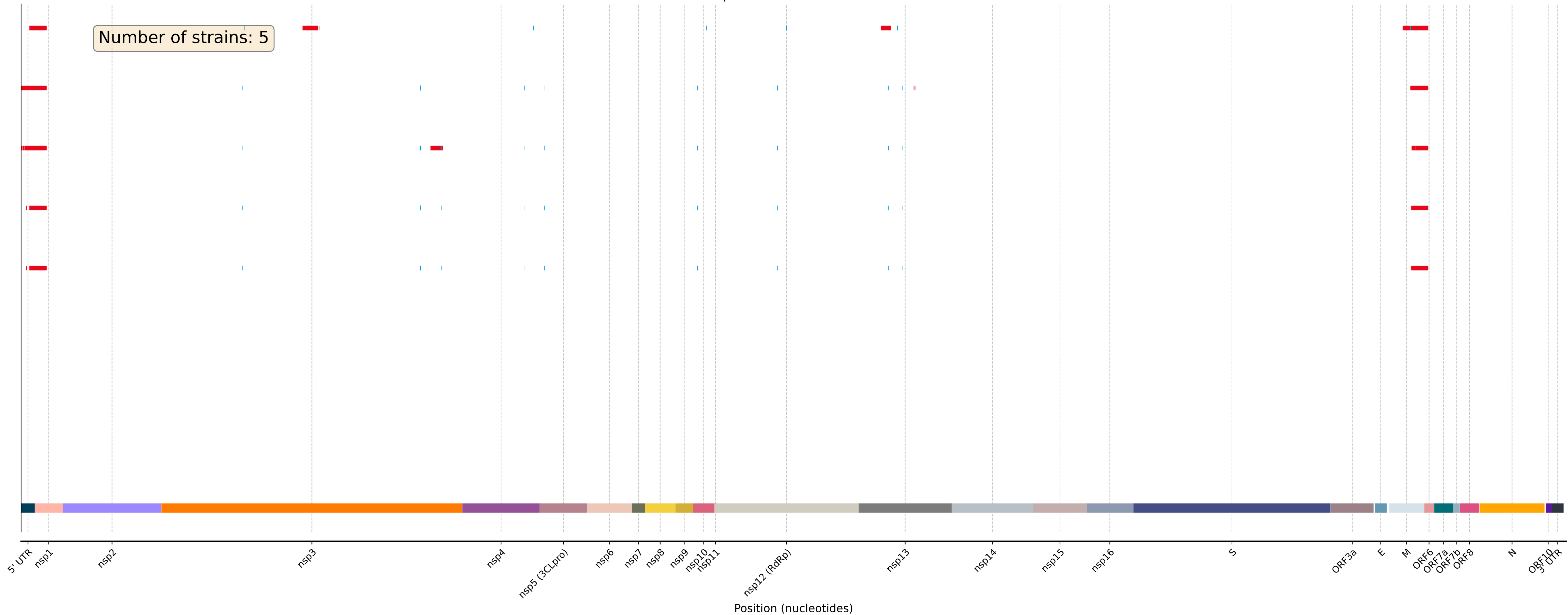
Number of strains: 4



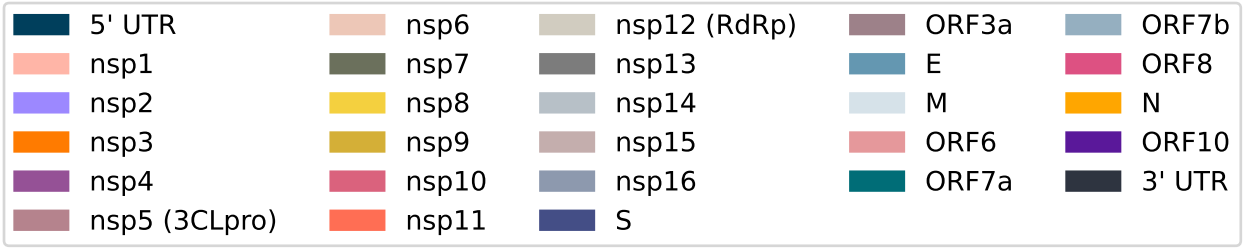
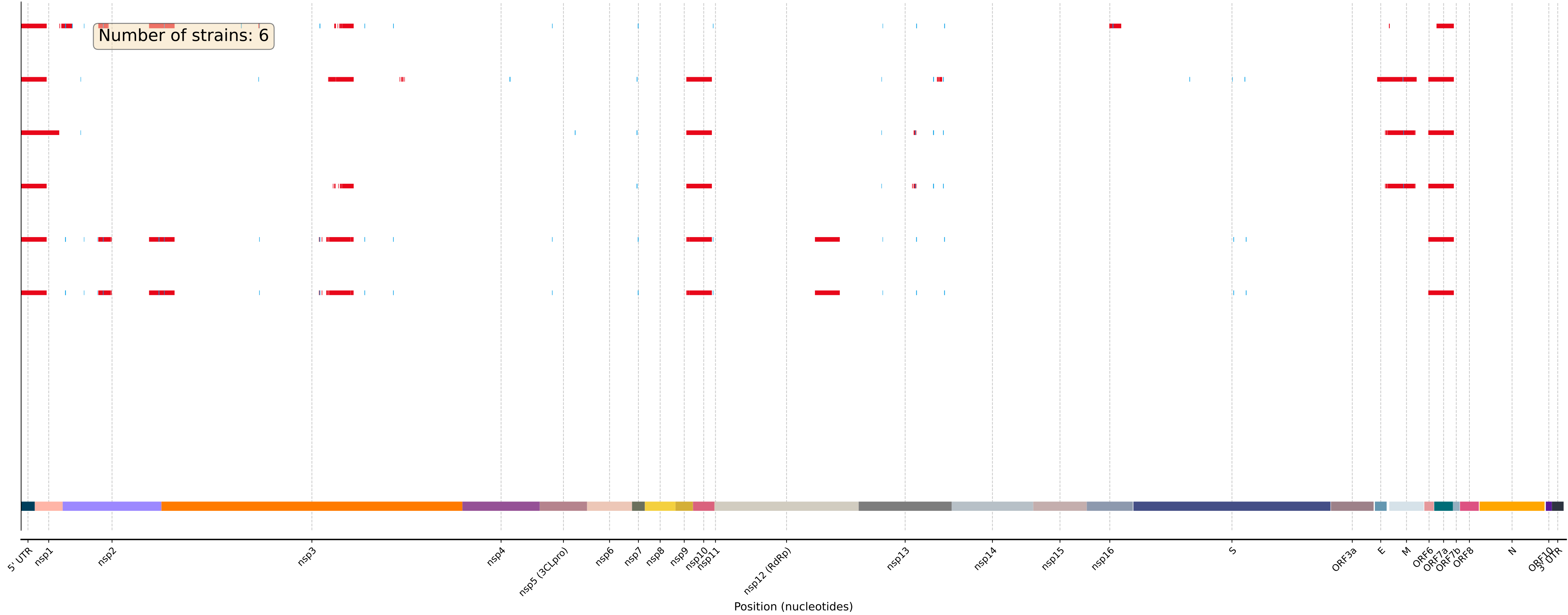
Lucheng Rn rat coronavirus



Miniopterus bat coronavirus 1

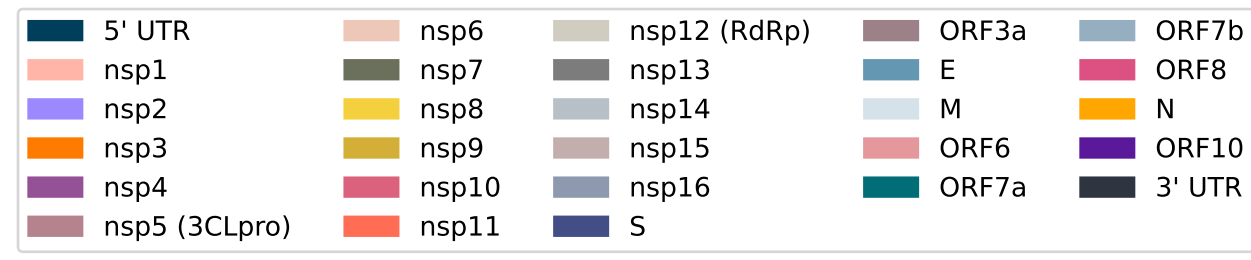
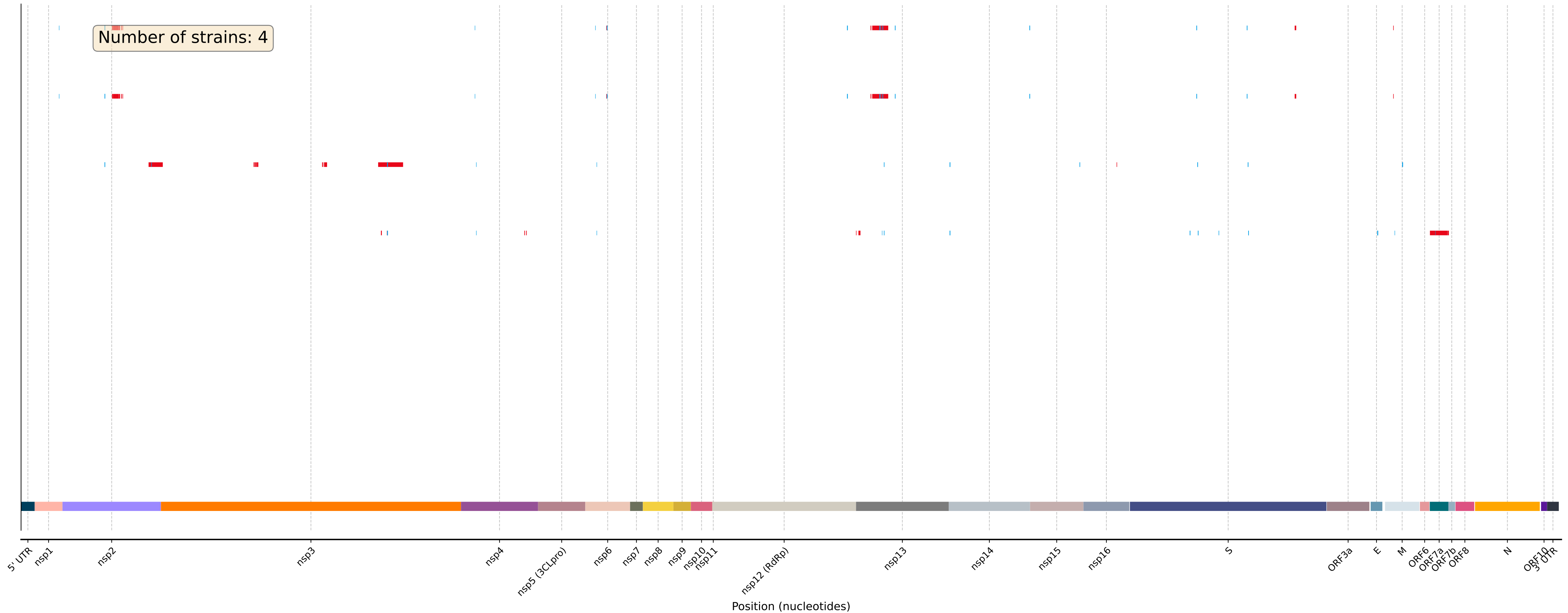


Miniopterus bat coronavirus HKU8

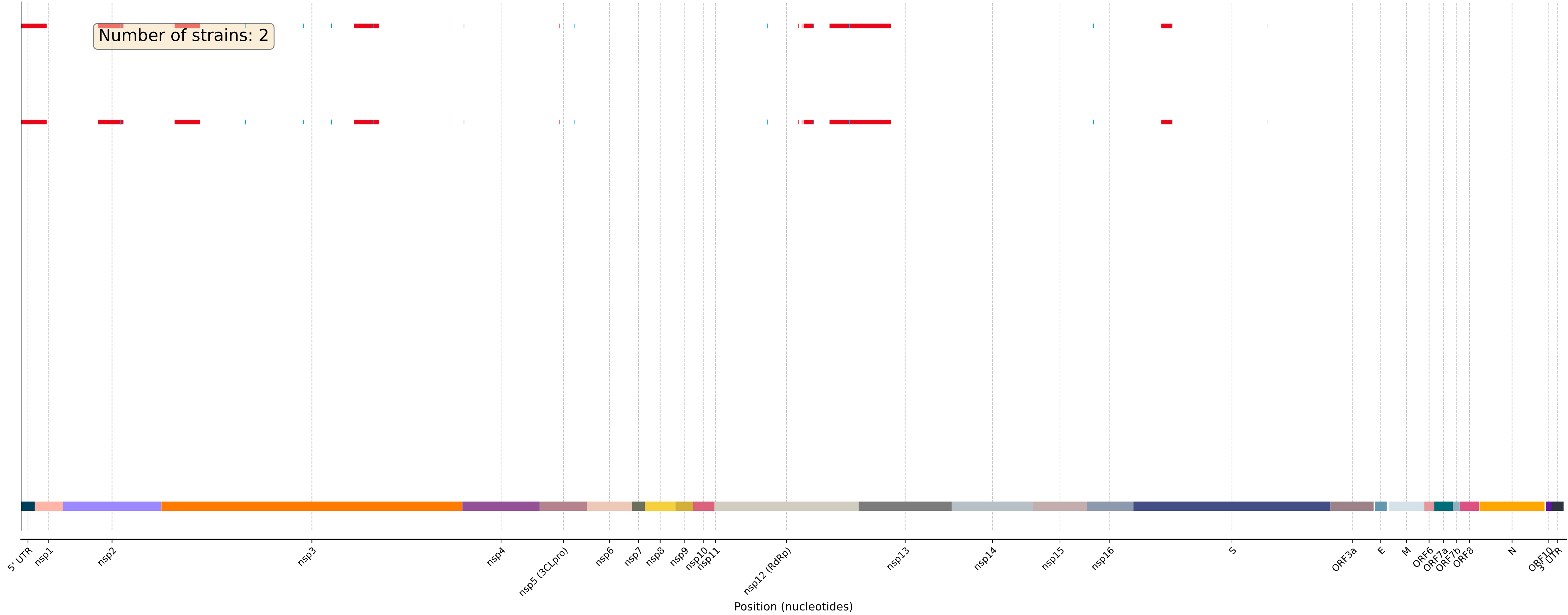




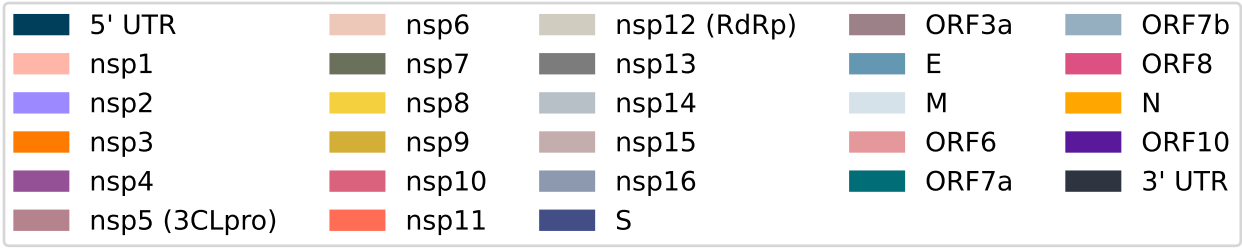
# Mink coronavirus 1



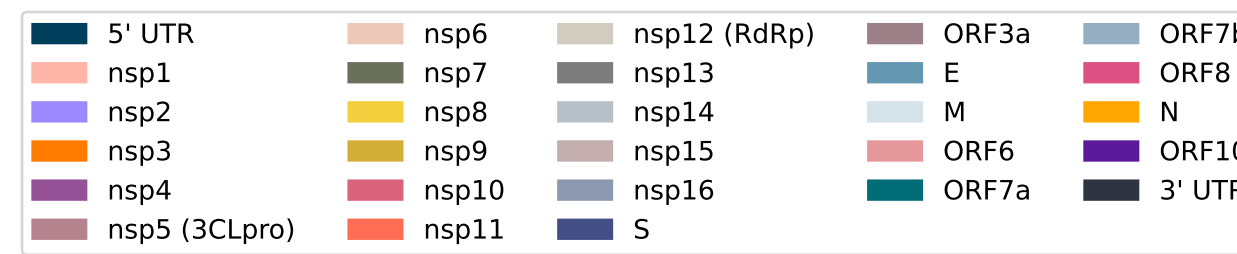
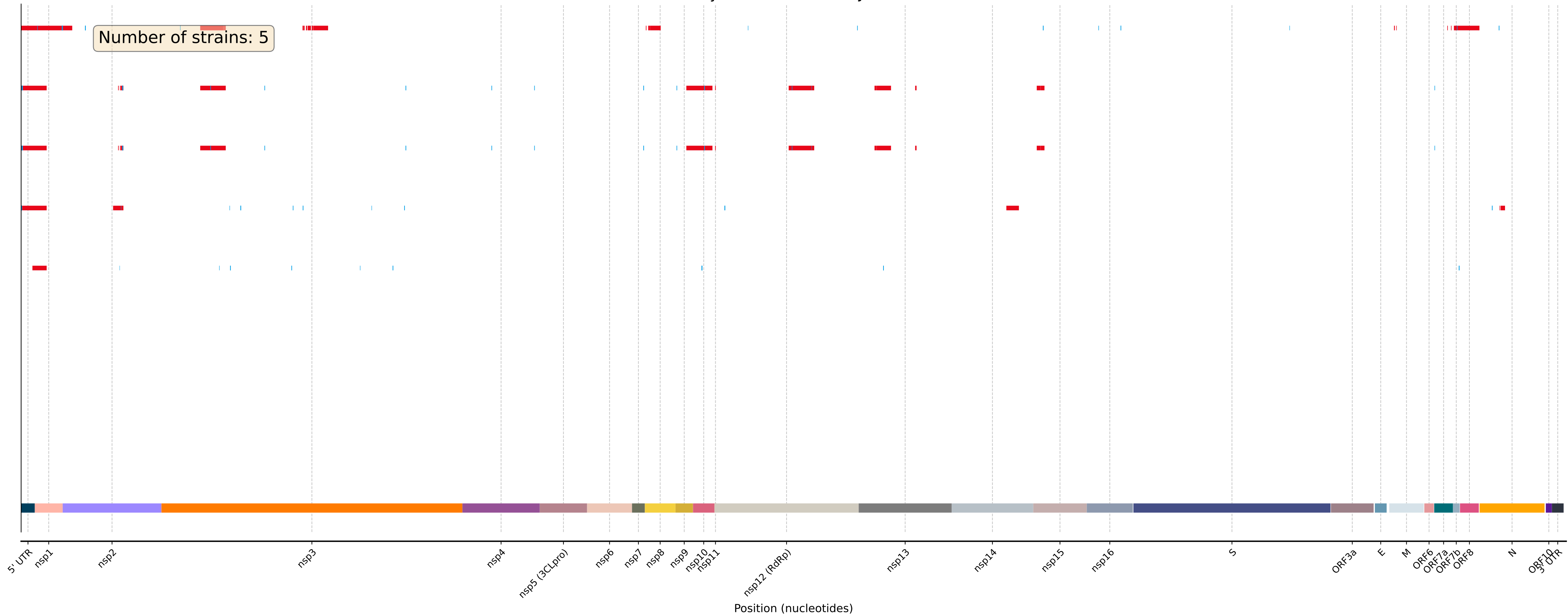
Munia coronavirus HKU13



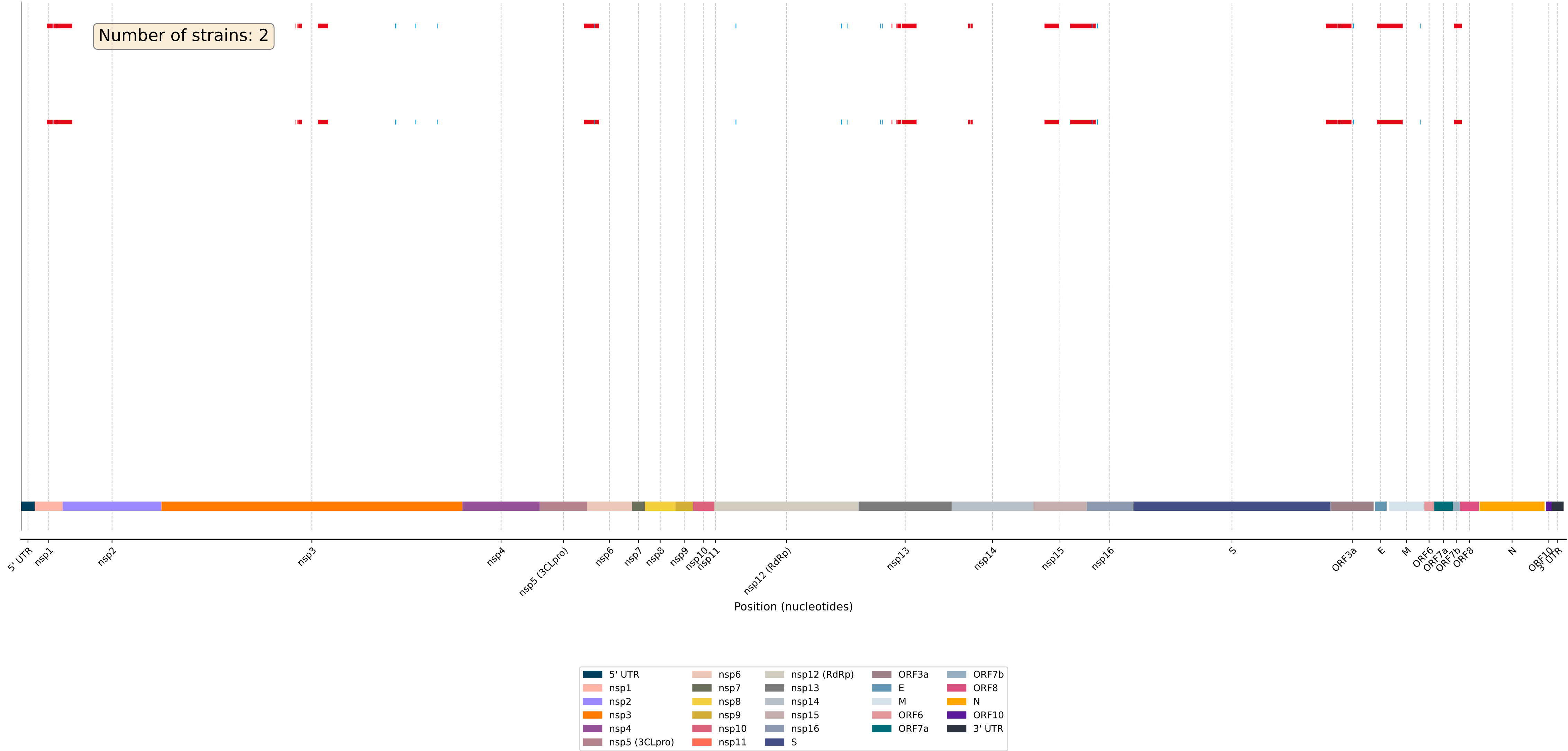
Position (nucleotides)



# Myodes coronavirus 2JL14

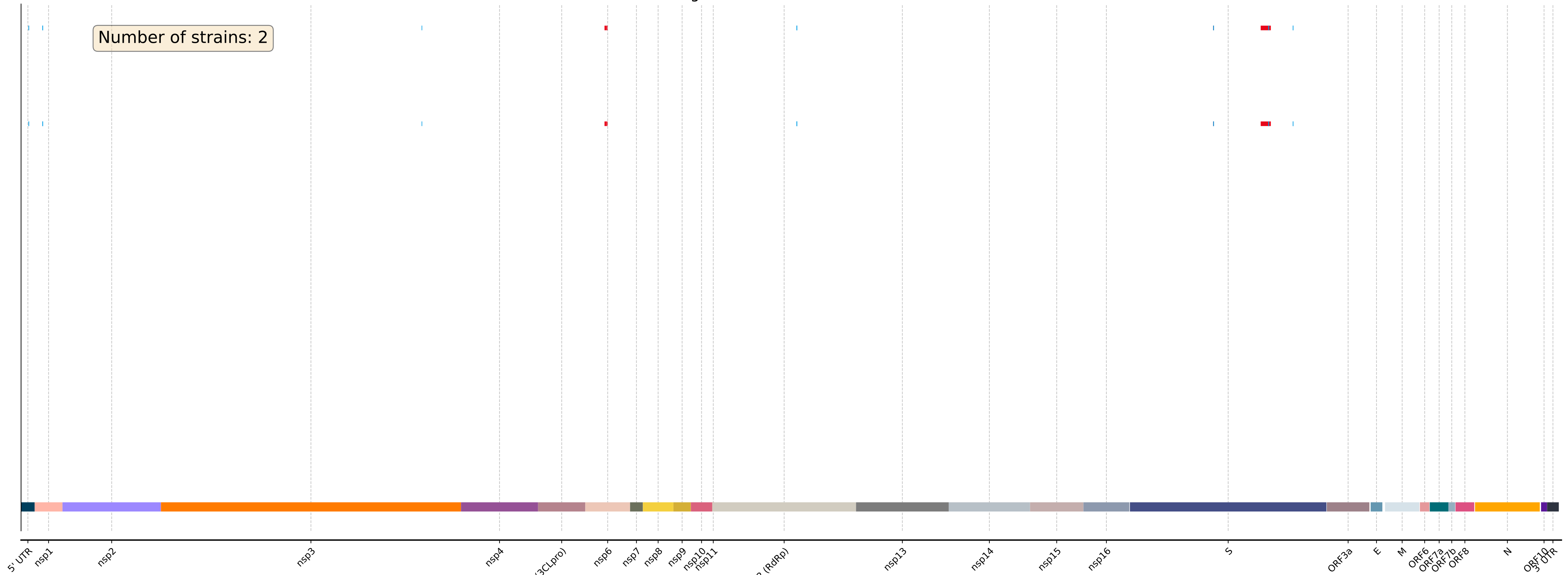


Myotis ricketti alphacoronavirus Sax-2011

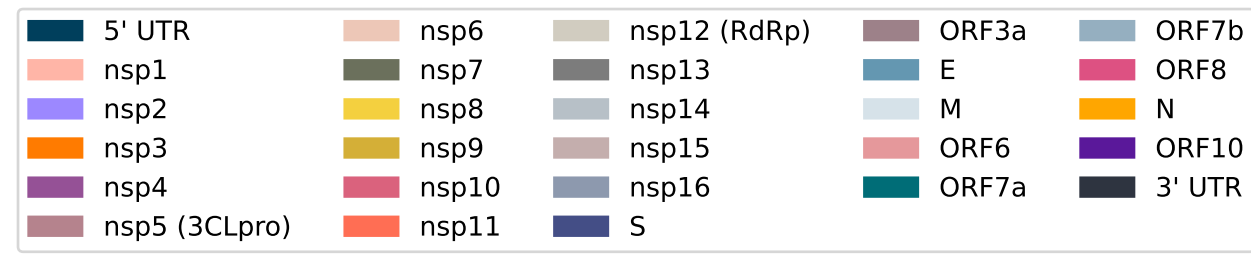


# Night heron coronavirus HKU19

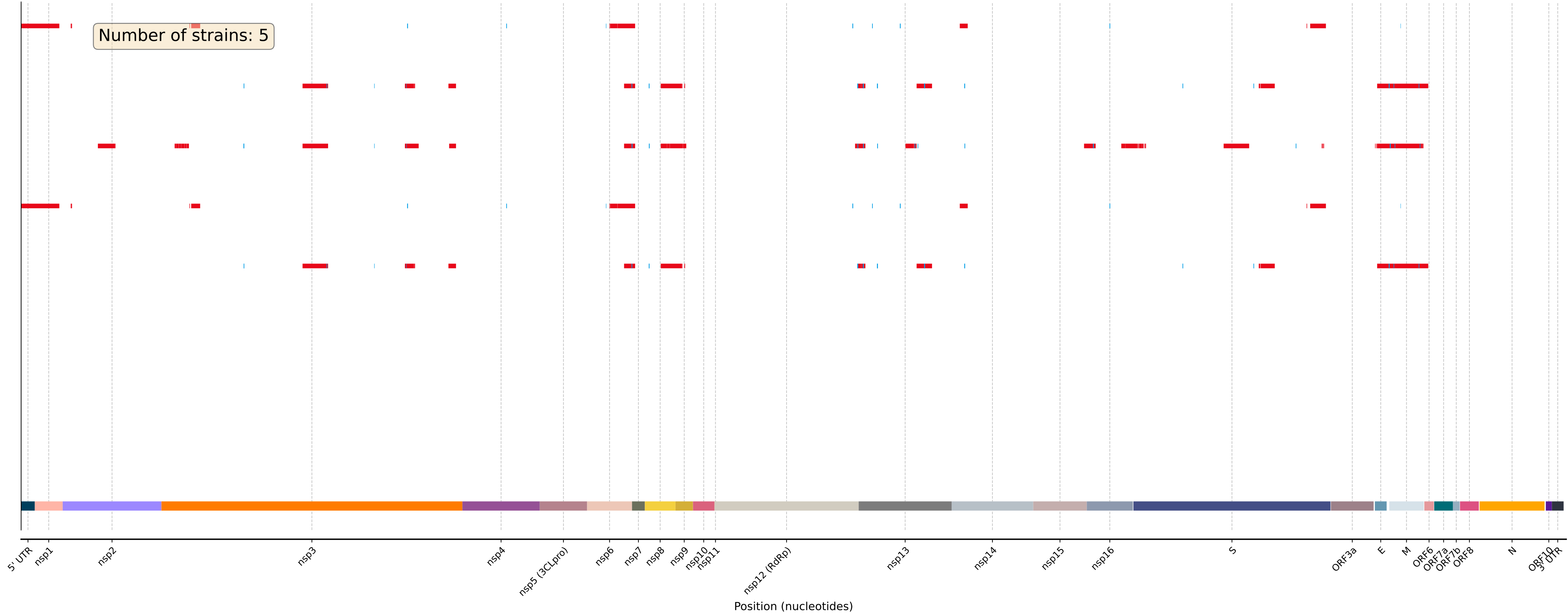
Number of strains: 2



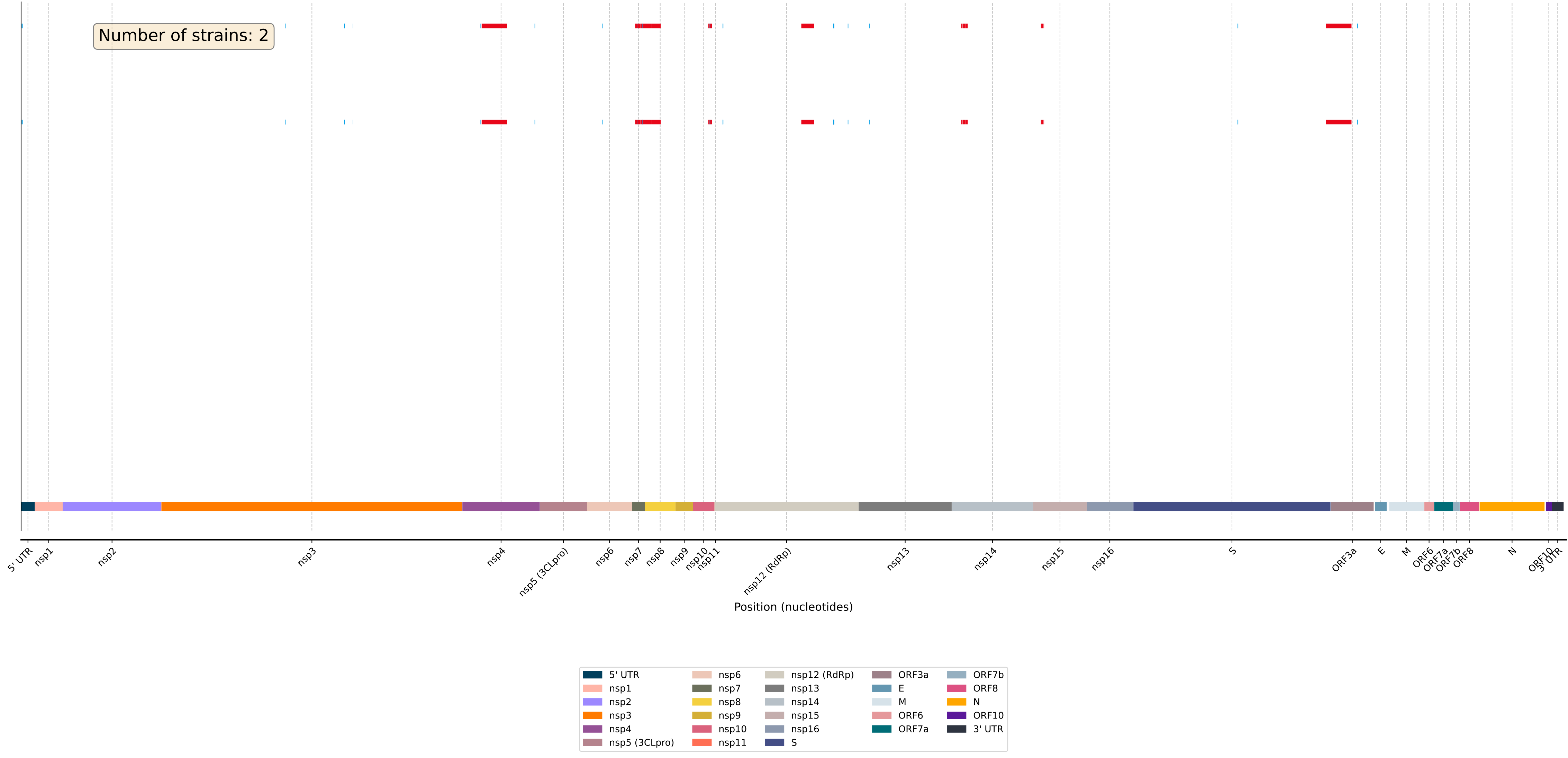
Position (nucleotides)



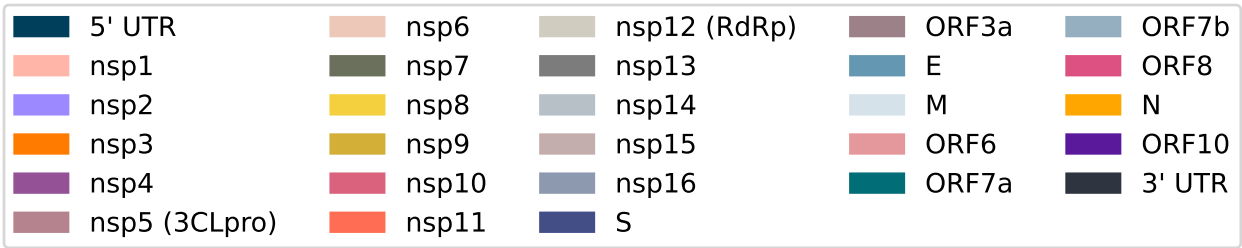
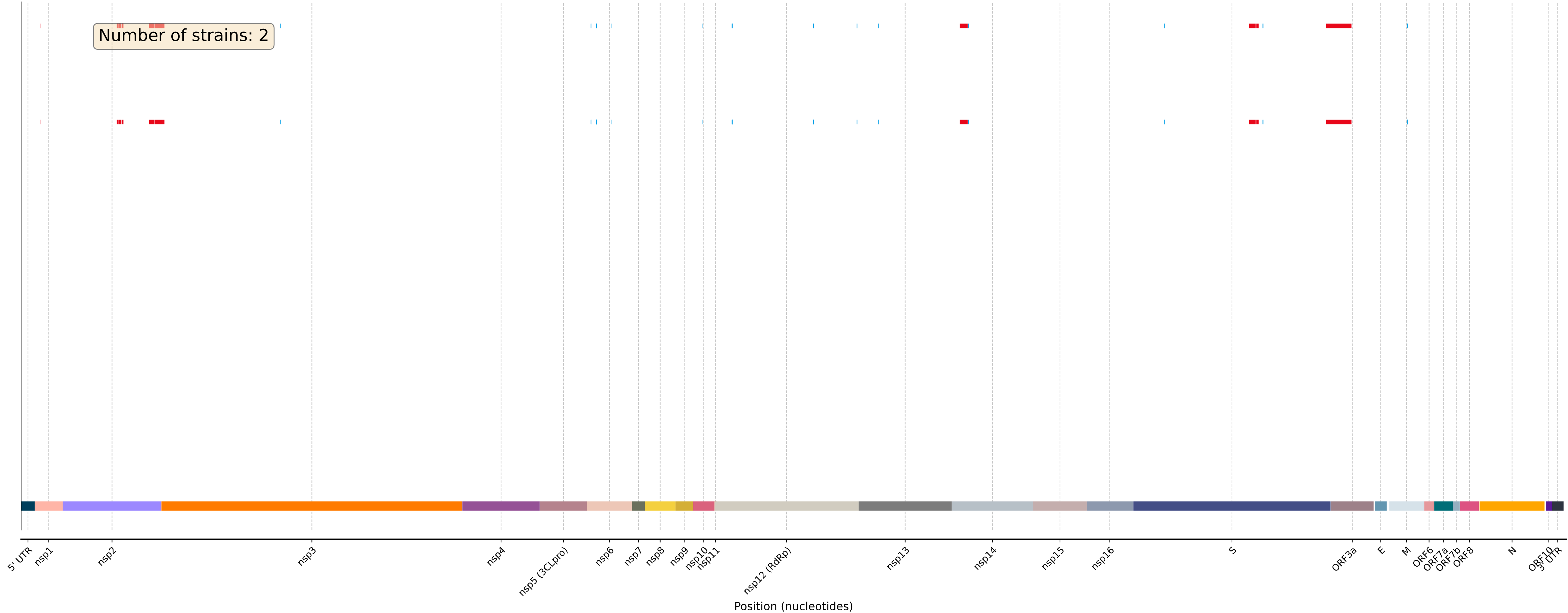
NL63-related bat coronavirus strain BtKYNL63-9b



Nyctalus velutinus alphacoronavirus SC-2013

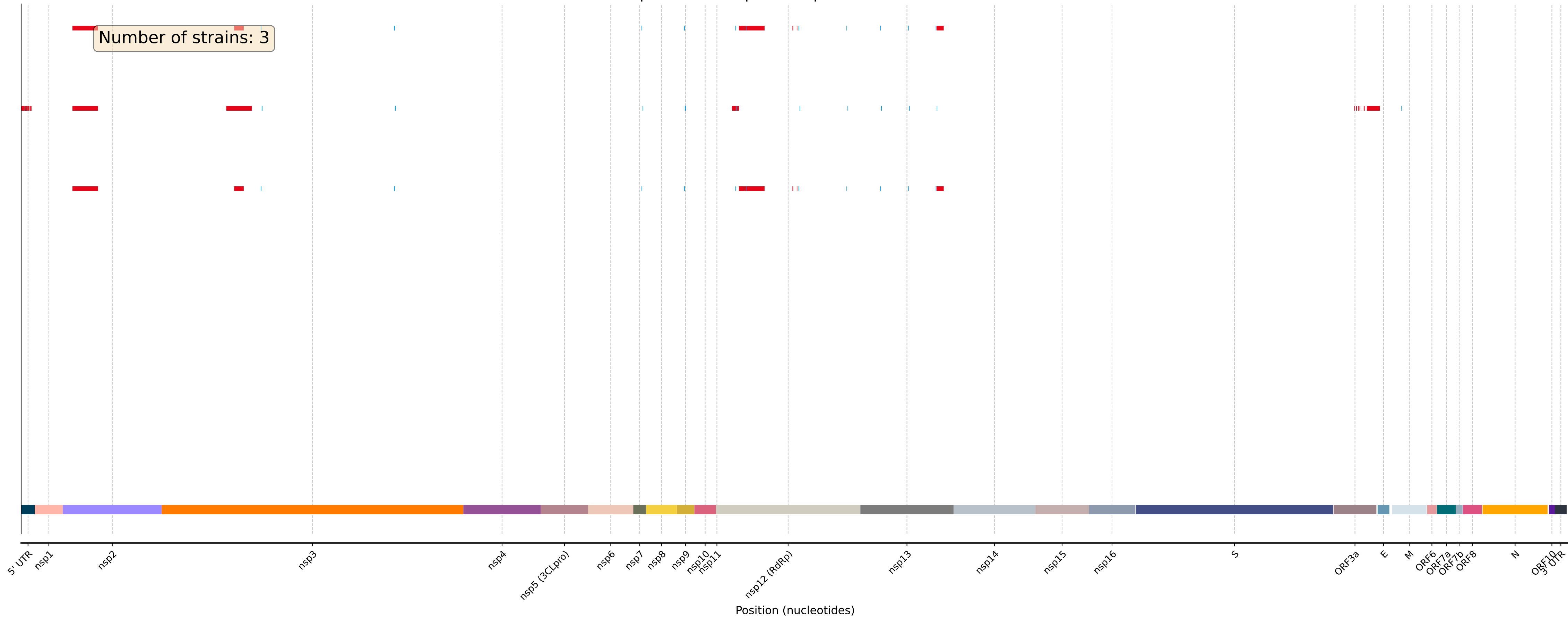


Pipistrellus kuhlii coronavirus 3398

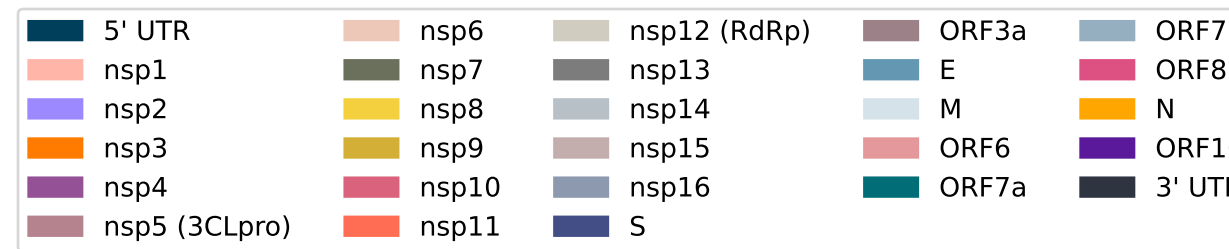




Rhinolophus ferrumequinum alphacoronavirus HuB-2013

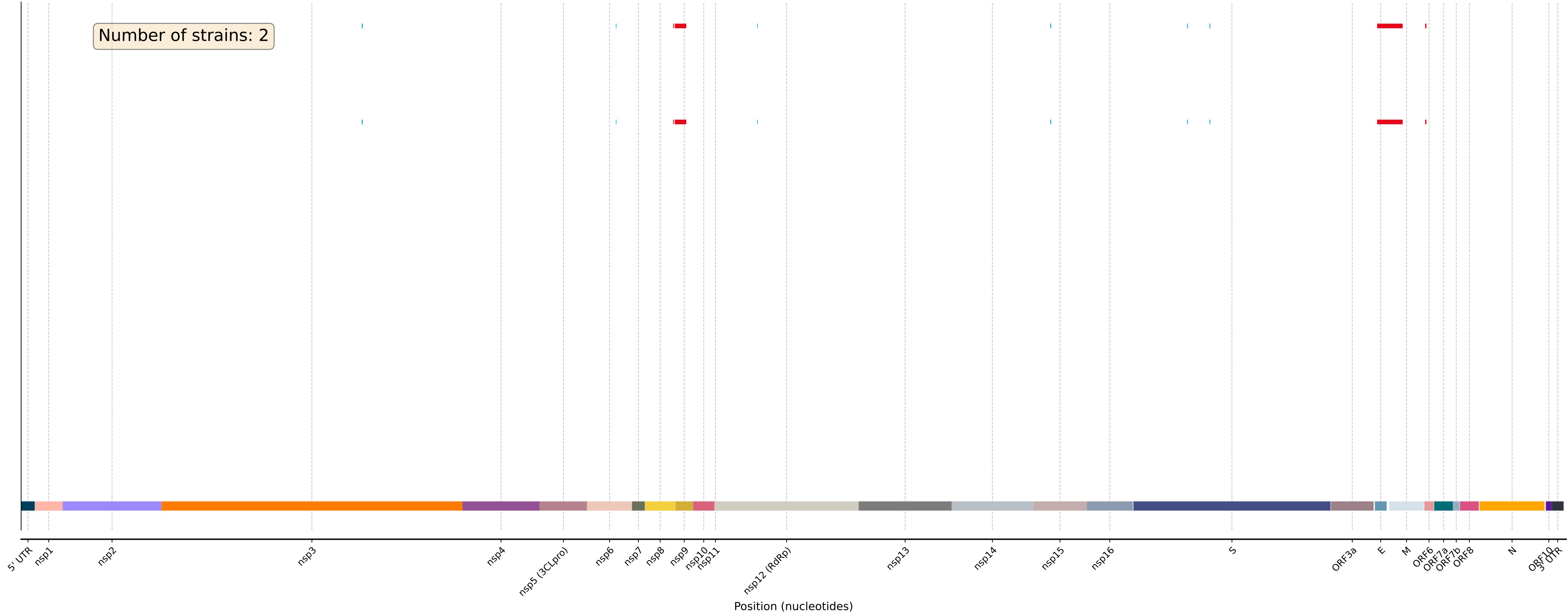


Position (nucleotides)

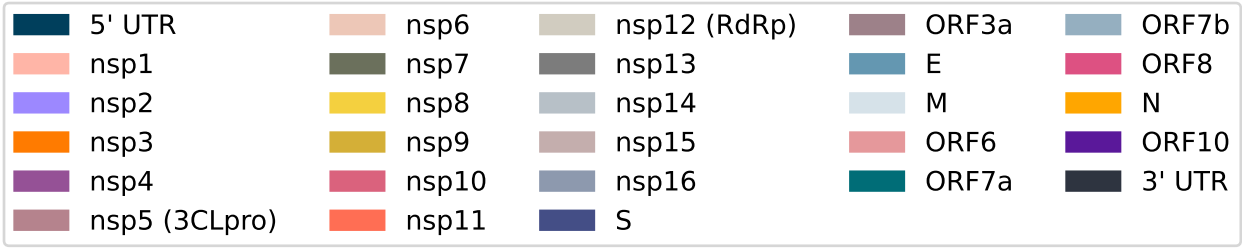


Scotophilus bat coronavirus 512

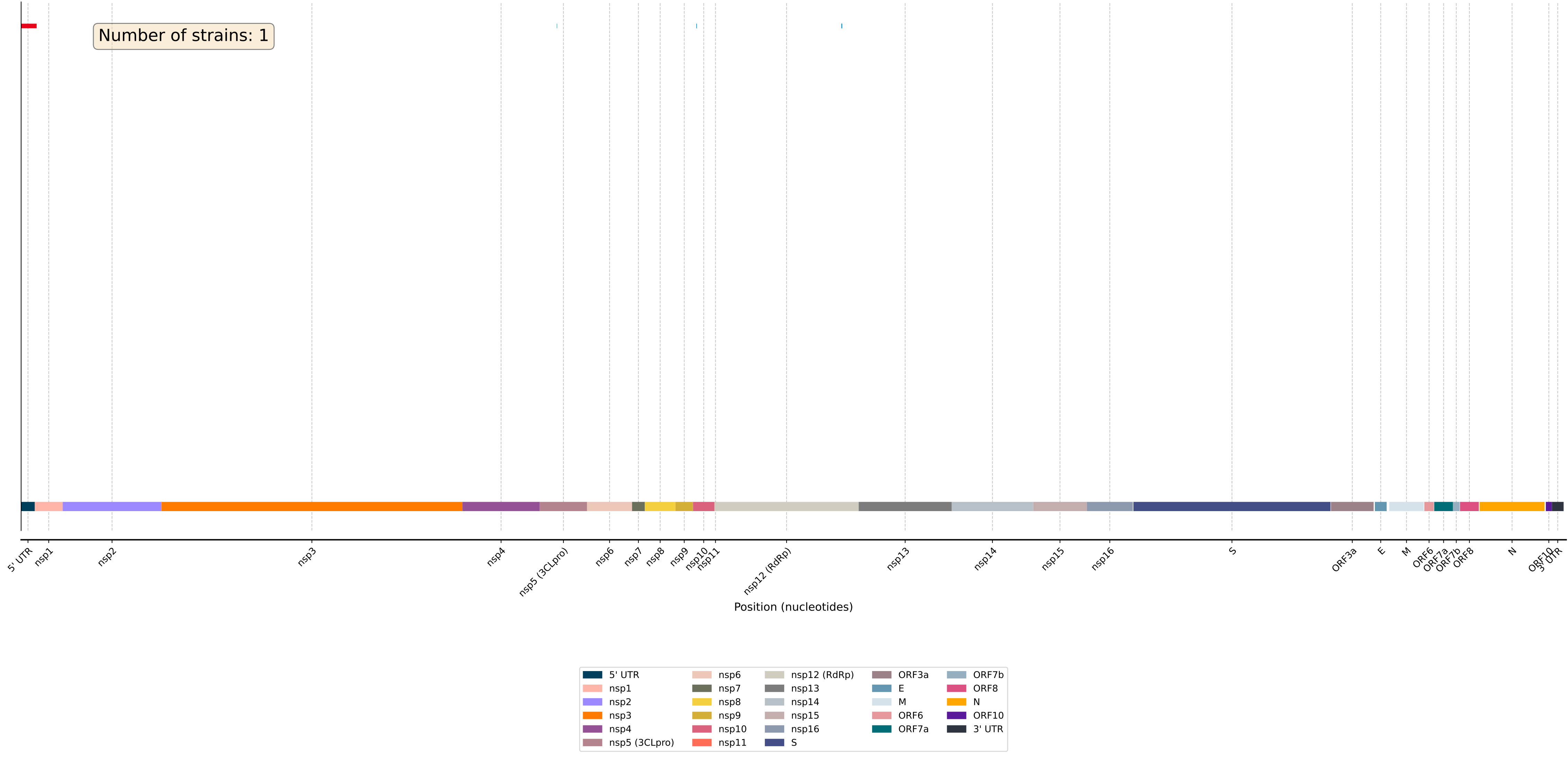
Number of strains: 2



Position (nucleotides)

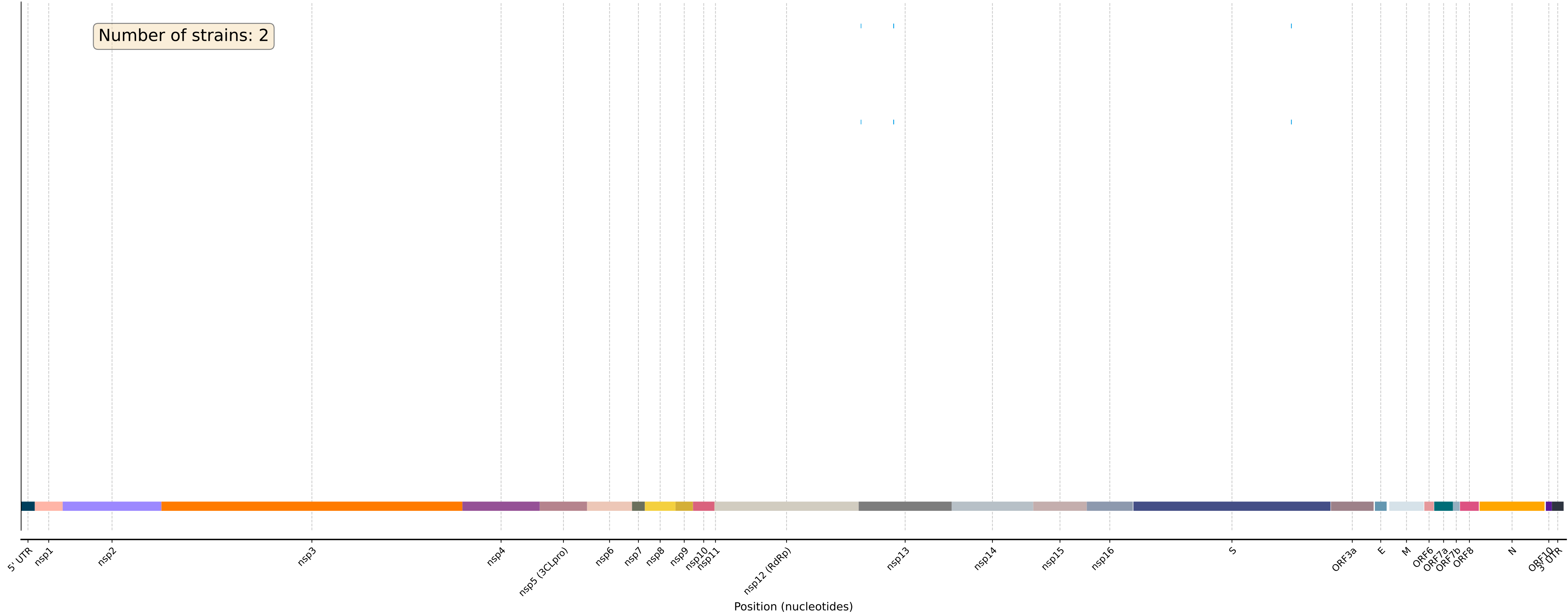


Sorex araneus coronavirus T14

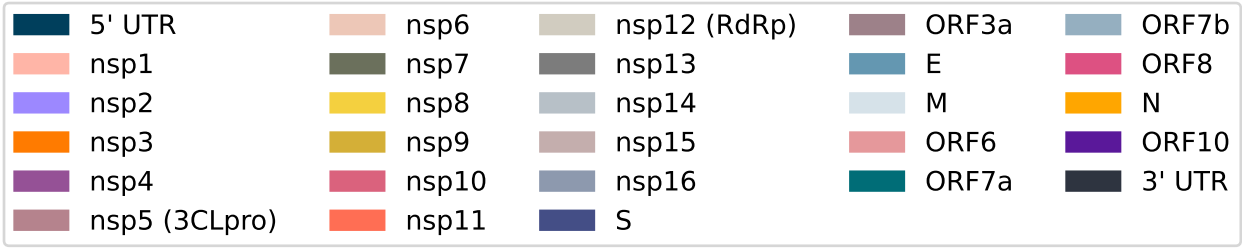


Suncus murinus coronavirus X74

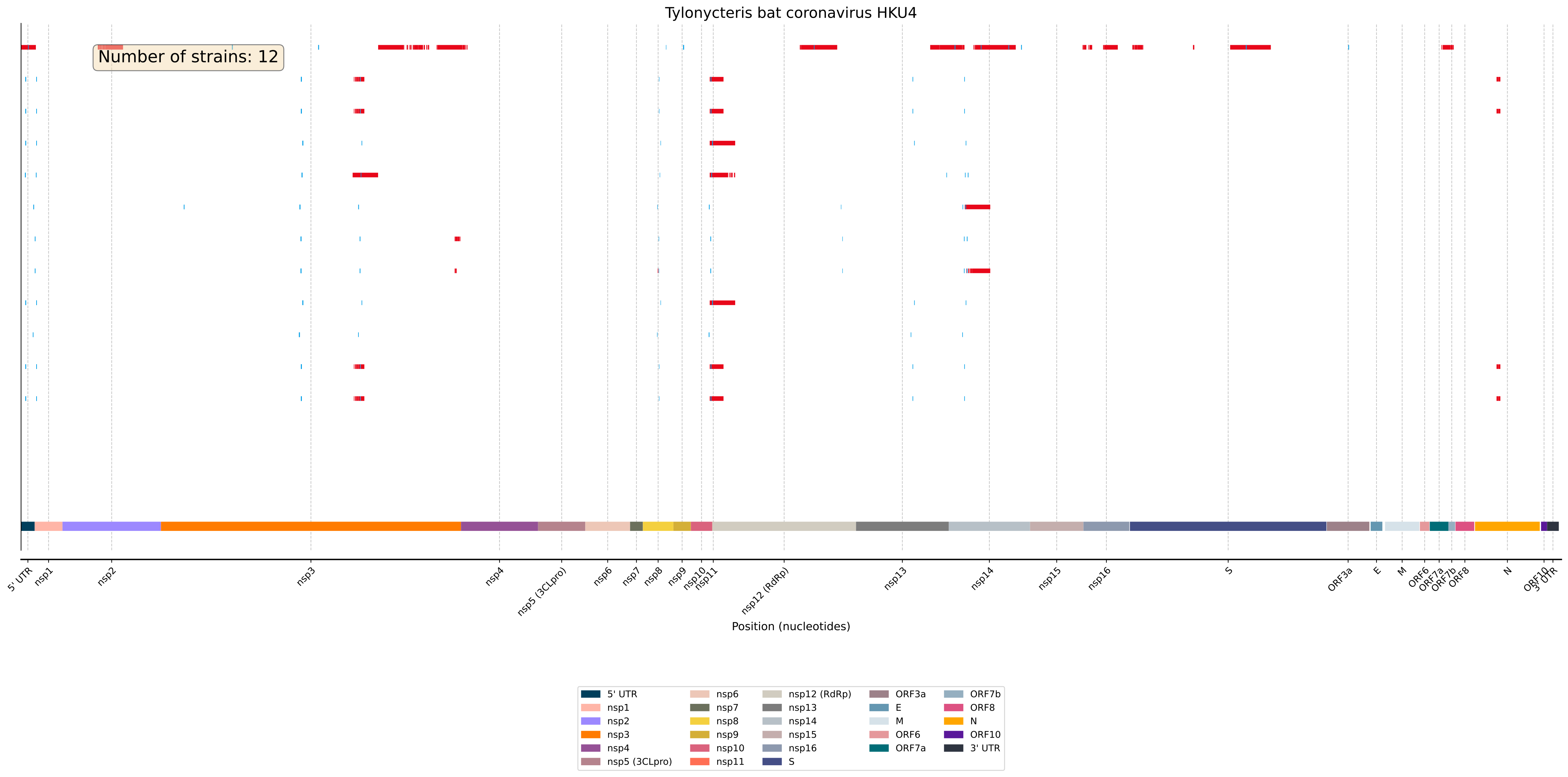
Number of strains: 2



Position (nucleotides)

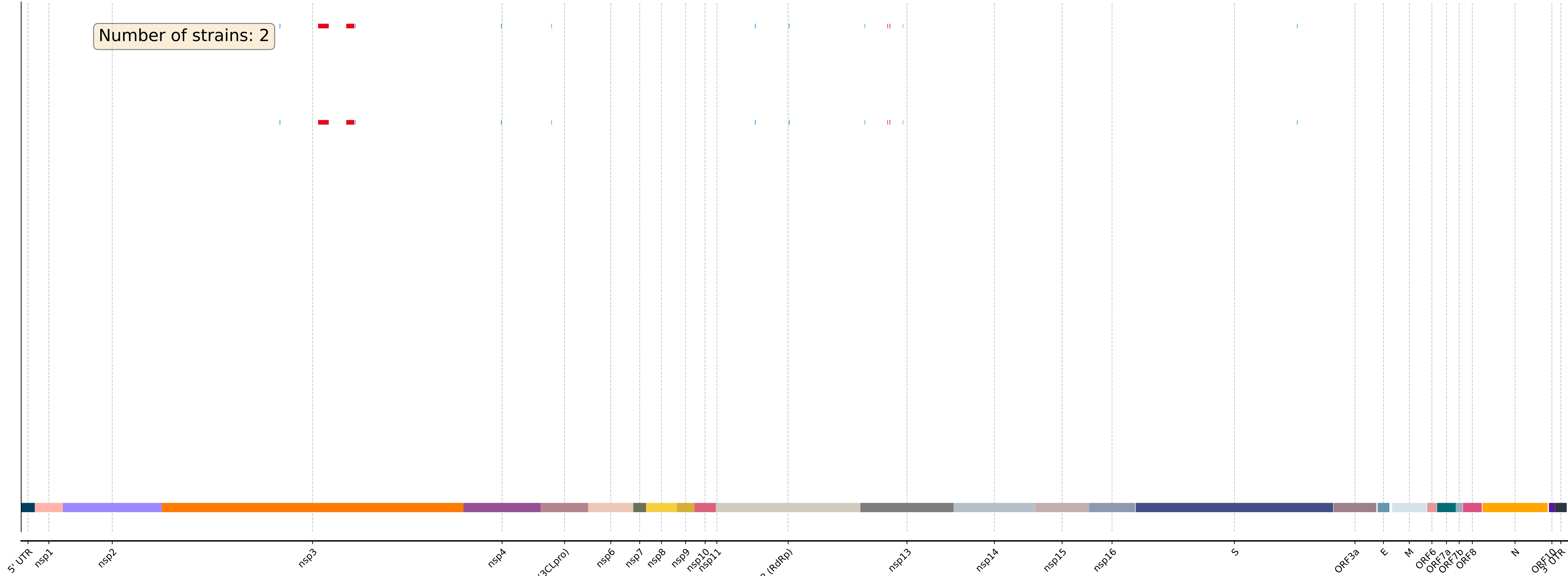


Tylonycteris bat coronavirus HKU4

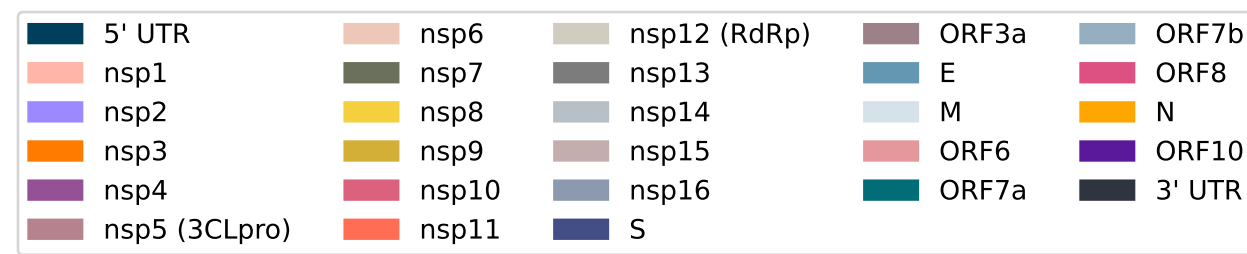


White-eye coronavirus HKU16

Number of strains: 2

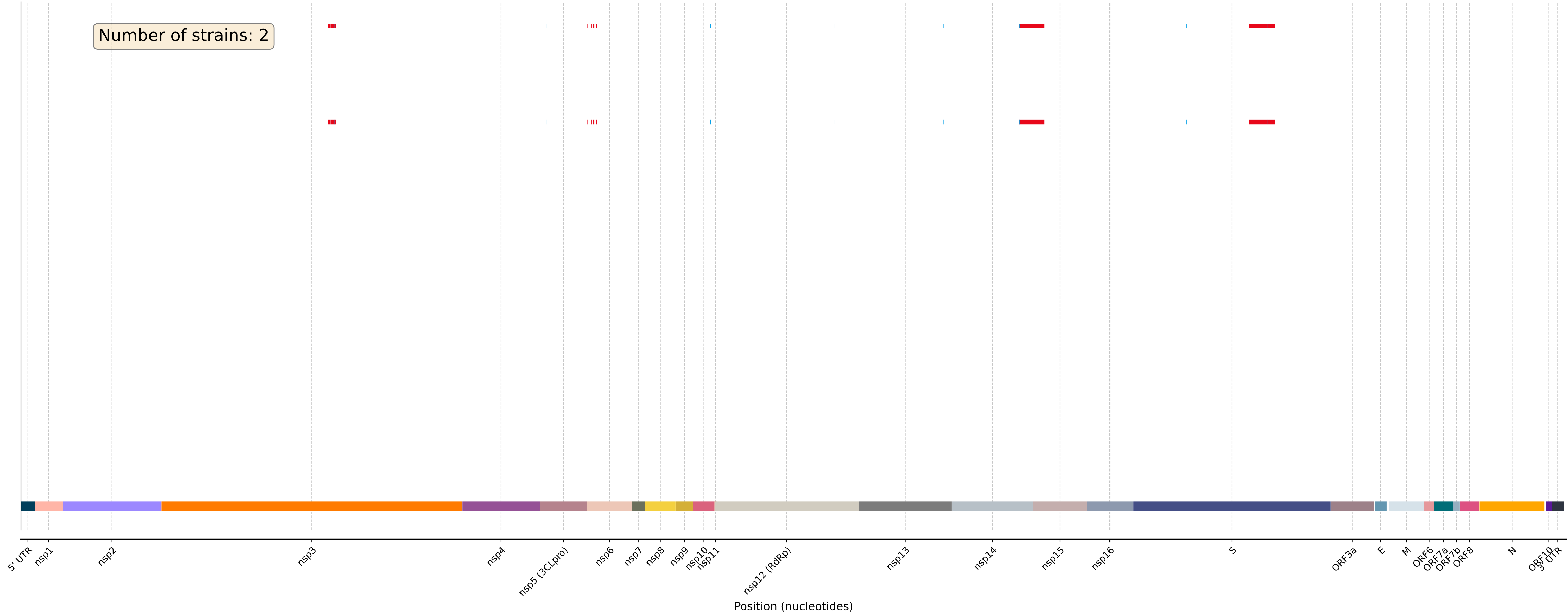


Position (nucleotides)



Wigeon coronavirus HKU20

Number of strains: 2



Position (nucleotides)

