

### Relationship analysis of Norwegian omicron cases

BA. The 2 viruses are clearly different from the BA.1 viruses in Norway, there is little diversity within the subgroups, but great diversity between them (Figure 48).

Sequence analyzes of BA.2 indicate that there have been several introductions with BA.2 to Norway recently. The majority of BA.2 in Norway have the mutation C22792T, which does not cause amino acid change (Figure 48), but we also have an increase in BA.2 that does not have this change. A smaller group of BA.2 have amino acid change H78Y in ORF3a.

