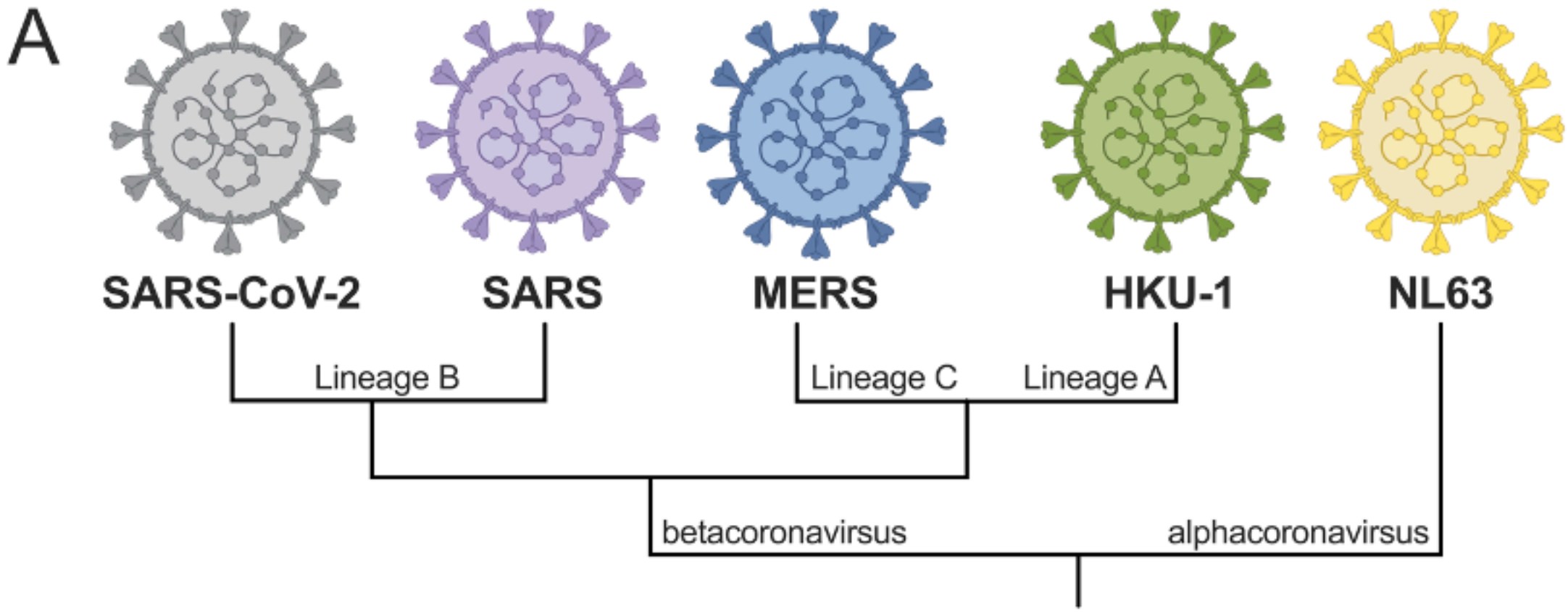
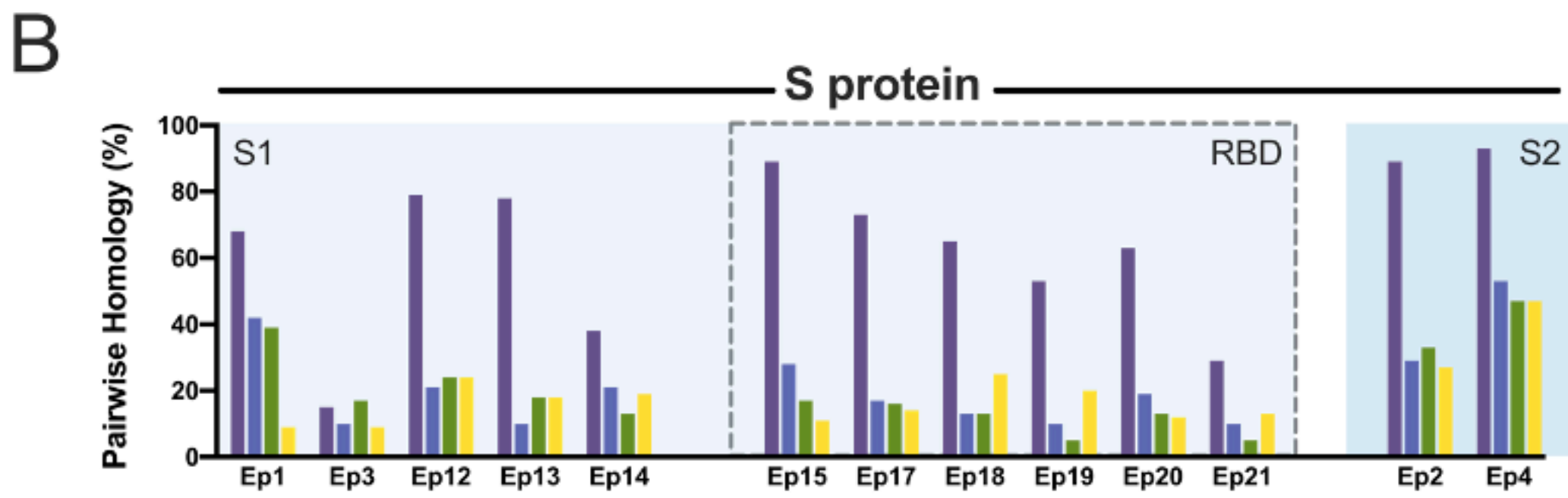
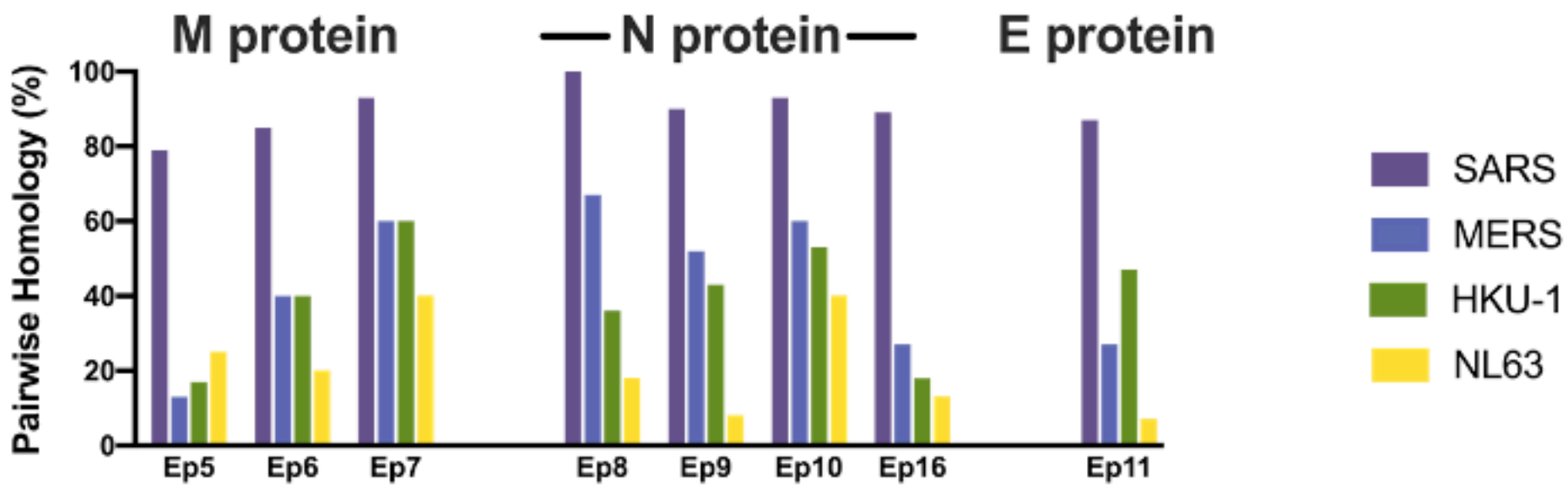

A
SARS-CoV-2
SARS
MERS
HKU-1
NL63
Lineage B
Lineage C
Lineage A
betacoronavirsus
alphacoronavirsus


B
S protein
Pairwise Homology (%)
100
80
60
40
20
0
S1
RBD
S2
Ep1
Ep3
Ep12
Ep13
Ep14
Ep15
Ep17
Ep18
Ep19
Ep20
Ep21
Ep2
Ep4


M protein
N protein
E protein
Pairwise Homology (%)
100
80
60
40
20
0
Ep5
Ep6
Ep7
Ep8
Ep9
Ep10
Ep16
Ep11
SARS
MERS
HKU-1
NL63