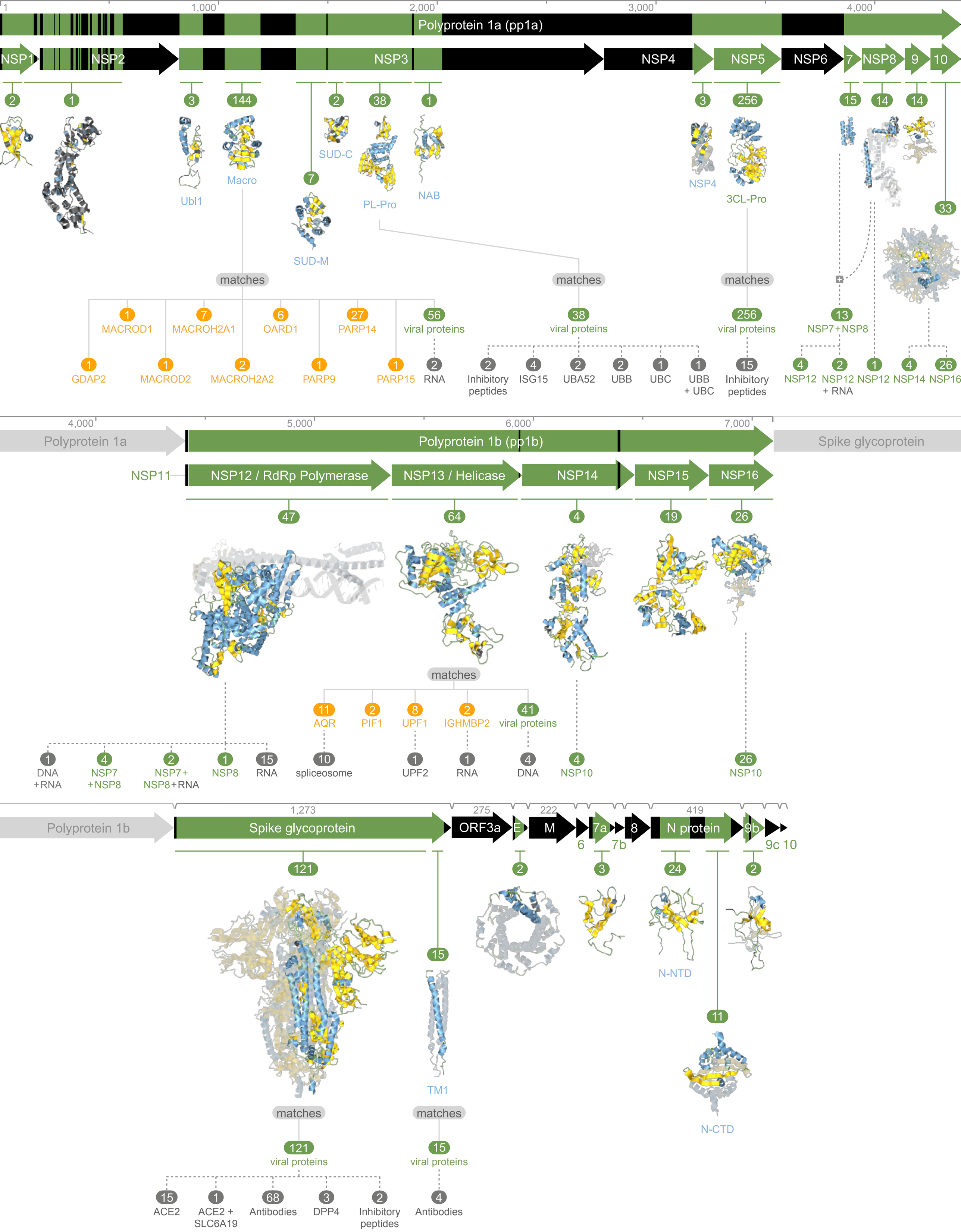
1
1,000
2,000
3,000
4,000
Polyprotein 1a (pp1a)
NSP1
NSP2
NSP3
NSP4
NSP5
NSP6
7
NSP8
9
10
2
1
3
144
2
38
1
3
256
15
14
14
33
Ubl1
Macro
SUD-C
7
SUD-M
PL-Pro
NAB
NSP4
3CL-Pro
matches
matches
matches
1
7
6
27
56
38
256
13
MACROD1
MACROH2A1
OARD1
PARP14
viral proteins
viral proteins
viral proteins
NSP7+NSP8
1
1
2
1
1
2
2
4
2
2
1
1
15
4
2
1
4
26
GDAP2
MACROD2
MACROH2A2
PARP9
PARP15
RNA
Inhibitory peptides
ISG15
UBA52
UBB
UBC
UBB + UBC
Inhibitory peptides
NSP12
NSP12 + RNA
NSP12
NSP14
NSP16
4,000
5,000
6,000
7,000
Polyprotein 1a
Polyprotein 1b (pp1b)
Spike glycoprotein
NSP11
NSP12 / RdRp Polymerase
NSP13 / Helicase
NSP14
NSP15
NSP16
47
64
4
19
26
matches
11
AQR
2
PIF1
8
UPF1
2
IGHMBP2
41
viral proteins
1
DNA +RNA
4
NSP7 +NSP8
2
NSP7+ NSP8+RNA
1
NSP8
15
RNA
10
spliceosome
1
UPF2
1
RNA
4
DNA
4
NSP10
26
NSP10
Polyprotein 1b
1,273
Spike glycoprotein
275
ORF3a
E
222
M
6
7a
7b
8
419
N protein
9b
9c
10
121
15
2
3
24
2
TM1
N-NTD
11
N-CTD
matches
matches
121
viral proteins
15
viral proteins
15
ACE2
1
ACE2 + SLC6A19
68
Antibodies
3
DPP4
2
Inhibitory peptides
4
Antibodies
Sequences: Known structure Unknown structure
Synonyms: Protein Domain
3D Matches: Viral Human binds to
Structures: Helix Sheet Amino acid substitution