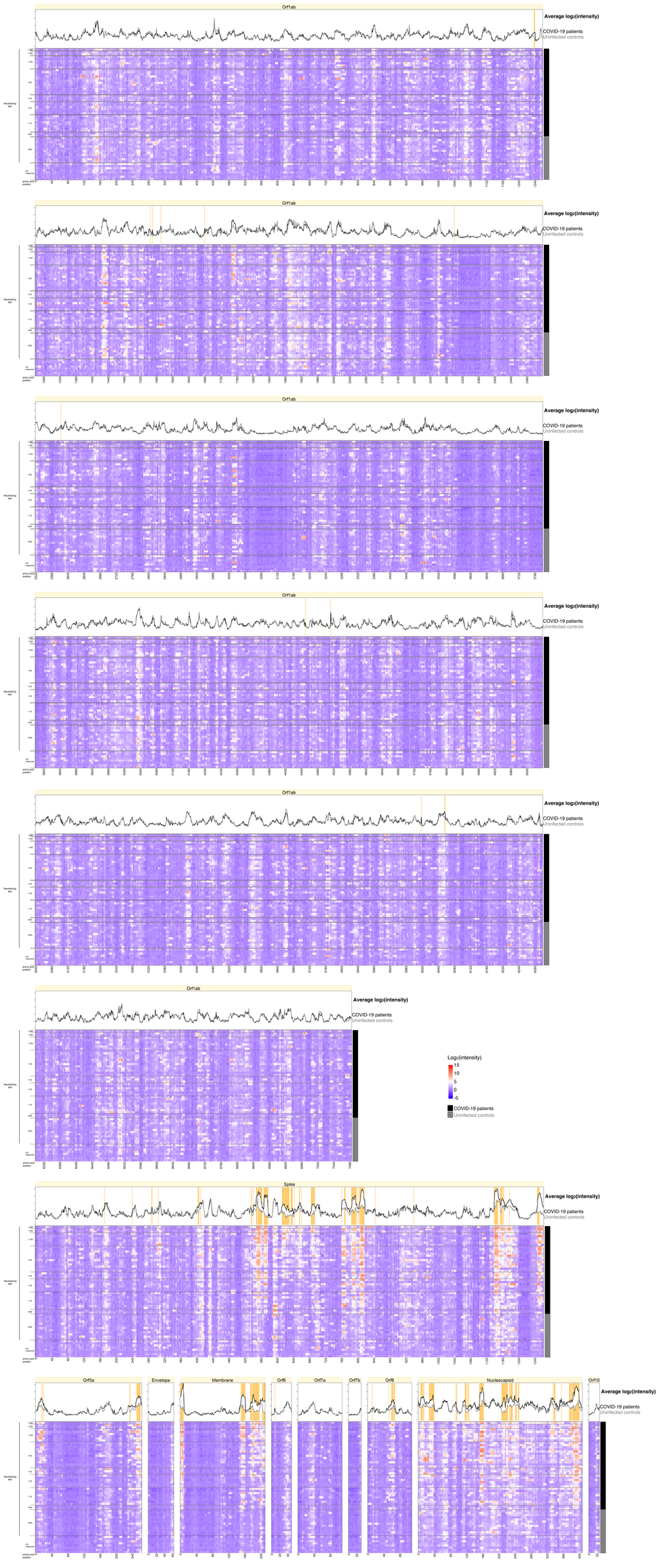
Orf1ab
Average log2(intensity)
COVID-19 patients
Uninfected controls
Neutralizing titer
amino acid position
Spike
Orf3a
Envelope
Membrane
Orf6
Orf7a
Orf7b
Orf8
Nucleocapsid
Orf10
Log2(intensity)
15
10
5
0
-5
COVID-19 patients
Uninfected controls