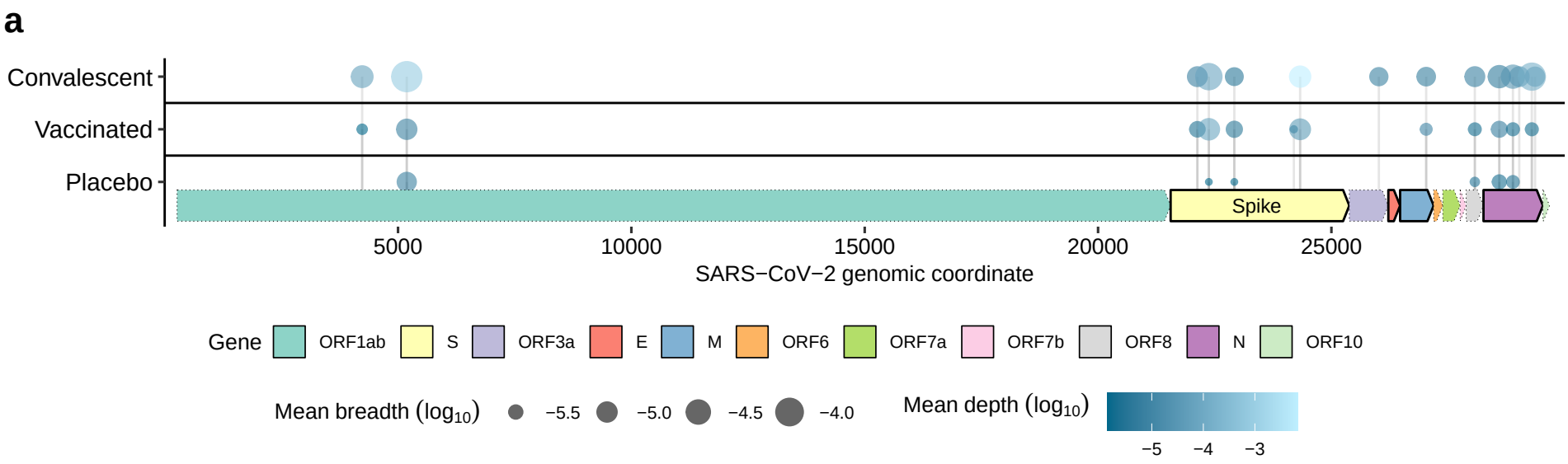
a
Convalescent
Vaccinated
Placebo
Spike
5000
10000
15000
20000
25000
SARS−CoV−2 genomic coordinate
Gene
ORF1ab
S
ORF3a
E
M
ORF6
ORF7a
ORF7b
ORF8
N
ORF10
Mean breadth (log10)
−5.5
−5.0
−4.5
−4.0
Mean depth (log10)
−5
−4
−3