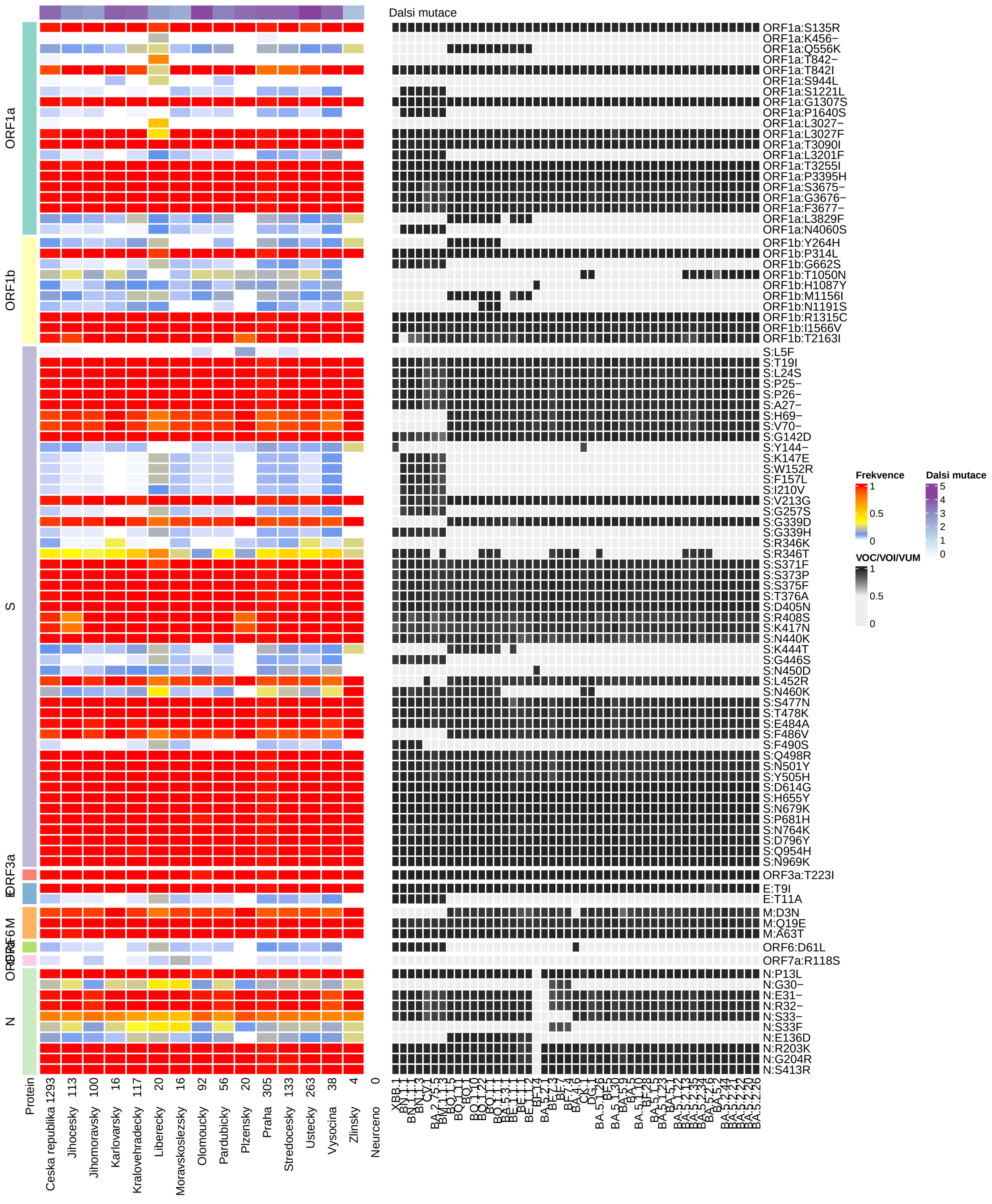
Dalsi mutace
ORF1a
ORF1b
S
ORF3a
E
M
ORF6
ORF7a
N
ORF1a:S135R
ORF1a:K456−
ORF1a:Q556K
ORF1a:T842−
ORF1a:T842I
ORF1a:S944L
ORF1a:S1221L
ORF1a:G1307S
ORF1a:P1640S
ORF1a:L3027−
ORF1a:L3027F
ORF1a:T3090I
ORF1a:L3201F
ORF1a:T3255I
ORF1a:P3395H
ORF1a:S3675−
ORF1a:G3676−
ORF1a:F3677−
ORF1a:L3829F
ORF1a:N4060S
ORF1b:Y264H
ORF1b:P314L
ORF1b:G662S
ORF1b:T1050N
ORF1b:H1087Y
ORF1b:M1156I
ORF1b:N1191S
ORF1b:R1315C
ORF1b:I1566V
ORF1b:T2163I
S:L5F
S:T19I
S:L24S
S:P25−
S:P26−
S:A27−
S:H69−
S:V70−
S:G142D
S:Y144−
S:K147E
S:W152R
S:F157L
S:I210V
S:V213G
S:G257S
S:G339D
S:G339H
S:R346K
S:R346T
S:S371F
S:S373P
S:S375F
S:T376A
S:D405N
S:R408S
S:K417N
S:N440K
S:K444T
S:G446S
S:N450D
S:L452R
S:N460K
S:S477N
S:T478K
S:E484A
S:F486V
S:F490S
S:Q498R
S:N501Y
S:Y505H
S:D614G
S:H655Y
S:N679K
S:P681H
S:N764K
S:D796Y
S:Q954H
S:N969K
ORF3a:T223I
E:T9I
E:T11A
M:D3N
M:Q19E
M:A63T
ORF6:D61L
ORF7a:R118S
N:P13L
N:G30−
N:E31−
N:R32−
N:S33−
N:S33F
N:E136D
N:R203K
N:G204R
N:S413R
Frekvence
1
0.5
0
Dalsi mutace
5
4
3
2
1
0
VOC/VOI/VUM
1
0.5
0
Protein
Ceska republika 1293
Jihocesky 113
Jihomoravsky 100
Karlovarsky 16
Kralovehradecky 117
Liberecky 20
Moravskoslezsky 16
Olomoucky 92
Pardubicky 56
Plzensky 20
Praha 305
Stredocesky 133
Ustecky 263
Vysocina 38
Zlinsky 4
Neurceno 0
XBB.1
BN.1.1
BN.1.1.3
BN.1.3
CV.1
BA.2.75.5
BM.1.1.5
BQ.1.5
BQ.1.1
BQ.1.10
BQ.1.22
BQ.1.1.1
BQ.1.3.1
BA.5.3.1
BE.1.1.1
BE.1.1.2
BE.1.1.2
BF.1.4
BA.2.1.3
BE.7.7
BF.7
BF.7.4
BA.4.6
CK.1.1
DG.1.1
BA.5.1.26
BF.5
BA.5.1.30
BA.5.1.9
BA.5.1.5
BA.5.1.10
BF.28
BA.5.1.15
BA.5.1.23
BA.5.1.5
BA.5.1.22
BA.5.2.13
BA.5.2.15
BA.5.2.34
BA.5.2.6
BA.5.2
BA.5.2.44
BA.5.2.21
BA.5.2.22
BA.5.2.20
BA.5.2.26