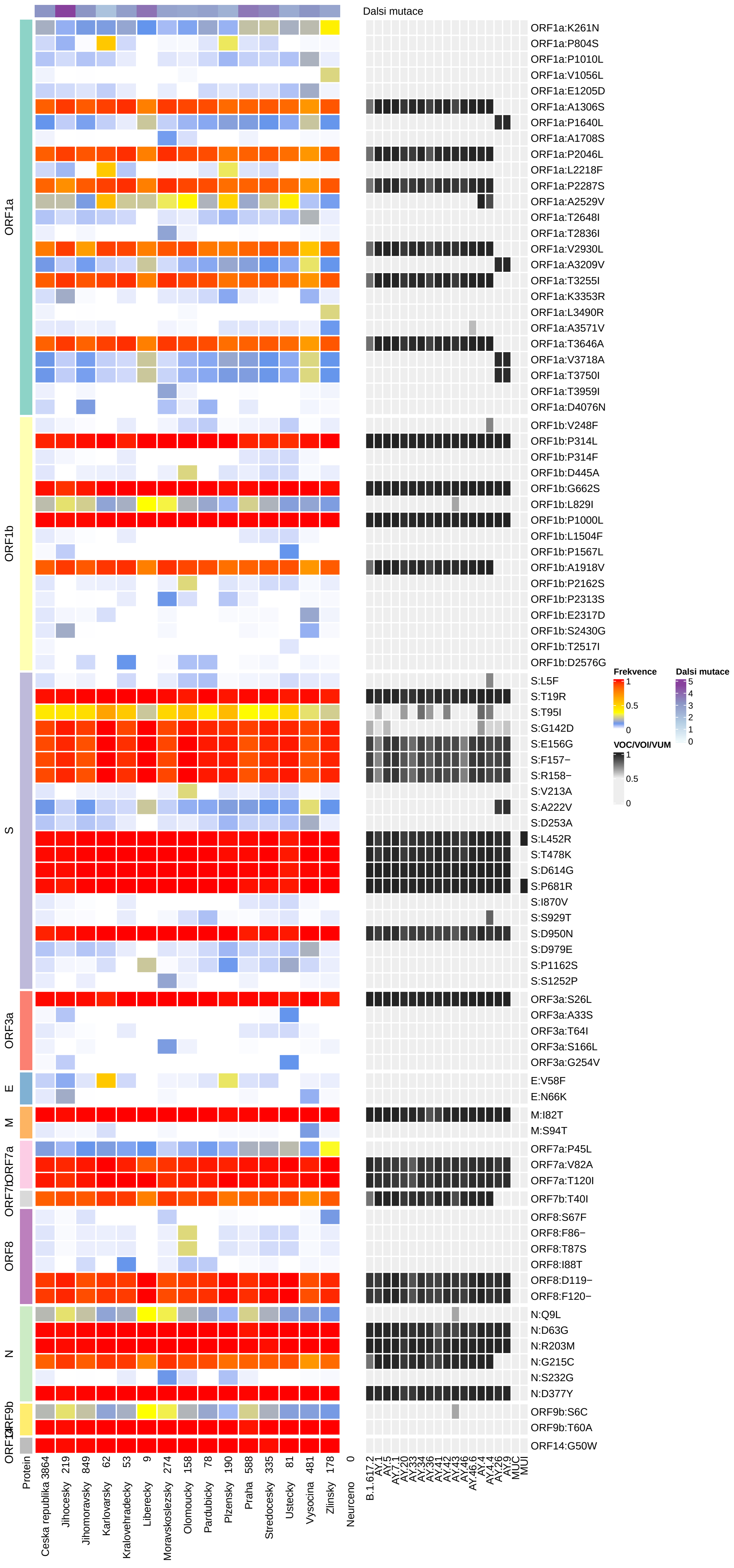
Dalsi mutace
ORF1a
ORF1b
S
ORF3a
E
M
ORF7a
ORF7b
ORF8
N
ORF9b
ORF14
ORF1a:K261N
ORF1a:P804S
ORF1a:P1010L
ORF1a:V1056L
ORF1a:E1205D
ORF1a:A1306S
ORF1a:P1640L
ORF1a:A1708S
ORF1a:P2046L
ORF1a:L2218F
ORF1a:P2287S
ORF1a:A2529V
ORF1a:T2648I
ORF1a:T2836I
ORF1a:V2930L
ORF1a:A3209V
ORF1a:T3255I
ORF1a:K3353R
ORF1a:L3490R
ORF1a:A3571V
ORF1a:T3646A
ORF1a:V3718A
ORF1a:T3750I
ORF1a:T3959I
ORF1a:D4076N
ORF1b:V248F
ORF1b:P314L
ORF1b:P314F
ORF1b:D445A
ORF1b:G662S
ORF1b:L829I
ORF1b:P1000L
ORF1b:L1504F
ORF1b:P1567L
ORF1b:A1918V
ORF1b:P2162S
ORF1b:P2313S
ORF1b:E2317D
ORF1b:S2430G
ORF1b:T2517I
ORF1b:D2576G
S:L5F
S:T19R
S:T95I
S:G142D
S:E156G
S:F157−
S:R158−
S:V213A
S:A222V
S:D253A
S:L452R
S:T478K
S:D614G
S:P681R
S:I870V
S:S929T
S:D950N
S:D979E
S:P1162S
S:S1252P
ORF3a:S26L
ORF3a:A33S
ORF3a:T64I
ORF3a:S166L
ORF3a:G254V
E:V58F
E:N66K
M:I82T
M:S94T
ORF7a:P45L
ORF7a:V82A
ORF7a:T120I
ORF7b:T40I
ORF8:S67F
ORF8:F86−
ORF8:T87S
ORF8:I88T
ORF8:D119−
ORF8:F120−
N:Q9L
N:D63G
N:R203M
N:G215C
N:S232G
N:D377Y
ORF9b:S6C
ORF9b:T60A
ORF14:G50W
Frekvence
1
0.5
0
Dalsi mutace
5
4
3
2
1
0
VOC/VOI/VUM
1
0.5
0
Protein
Ceska republika 3864
Jihocesky 219
Jihomoravsky 849
Karlovarsky 62
Kralovehradecky 53
Liberecky 9
Moravskoslezsky 274
Olomoucky 158
Pardubicky 78
Plzensky 190
Praha 588
Stredocesky 335
Ustecky 81
Vysocina 481
Zlinsky 178
Neurceno 0
B.1.617.2
AY.1
AY.5
AY.7.1
AY.20
AY.33
AY.34
AY.36
AY.41
AY.42
AY.43
AY.46
AY.46.6
AY.4
AY.4.4
AY.26
AY.9
MUC
MUI