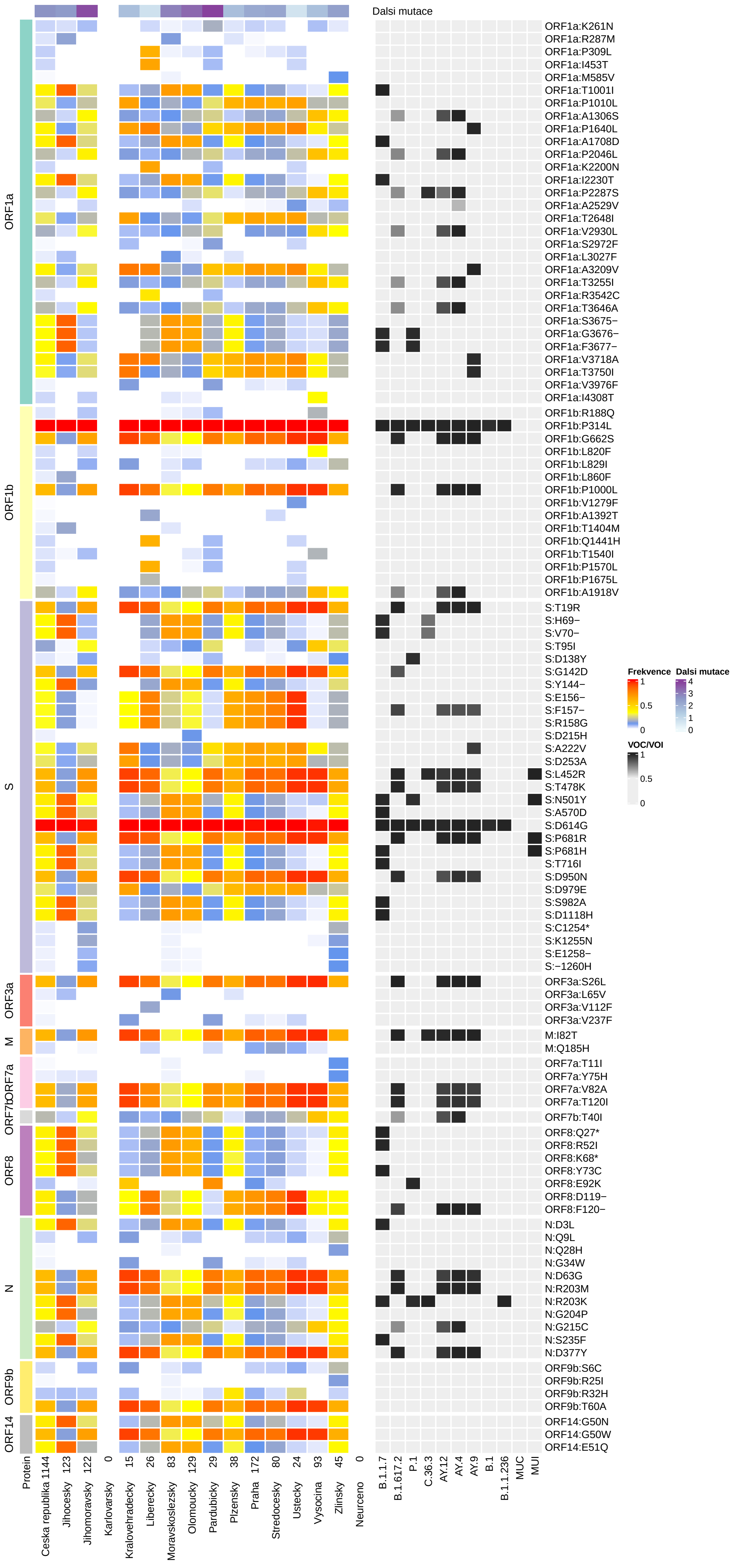
Dalsi mutace
ORF1a
ORF1b
S
ORF3a
M
ORF7a
ORF7b
ORF8
N
ORF9b
ORF14
ORF1a:K261N
ORF1a:R287M
ORF1a:P309L
ORF1a:I453T
ORF1a:M585V
ORF1a:T1001I
ORF1a:P1010L
ORF1a:A1306S
ORF1a:P1640L
ORF1a:A1708D
ORF1a:P2046L
ORF1a:K2200N
ORF1a:I2230T
ORF1a:P2287S
ORF1a:A2529V
ORF1a:T2648I
ORF1a:V2930L
ORF1a:S2972F
ORF1a:L3027F
ORF1a:A3209V
ORF1a:T3255I
ORF1a:R3542C
ORF1a:T3646A
ORF1a:S3675−
ORF1a:G3676−
ORF1a:F3677−
ORF1a:V3718A
ORF1a:T3750I
ORF1a:V3976F
ORF1a:I4308T
ORF1b:R188Q
ORF1b:P314L
ORF1b:G662S
ORF1b:L820F
ORF1b:L829I
ORF1b:L860F
ORF1b:P1000L
ORF1b:V1279F
ORF1b:A1392T
ORF1b:T1404M
ORF1b:Q1441H
ORF1b:T1540I
ORF1b:P1570L
ORF1b:P1675L
ORF1b:A1918V
S:T19R
S:H69−
S:V70−
S:T95I
S:D138Y
S:G142D
S:Y144−
S:E156−
S:F157−
S:R158G
S:D215H
S:A222V
S:D253A
S:L452R
S:T478K
S:N501Y
S:A570D
S:D614G
S:P681R
S:P681H
S:T716I
S:D950N
S:D979E
S:S982A
S:D1118H
S:C1254*
S:K1255N
S:E1258−
S:−1260H
ORF3a:S26L
ORF3a:L65V
ORF3a:V112F
ORF3a:V237F
M:I82T
M:Q185H
ORF7a:T11I
ORF7a:Y75H
ORF7a:V82A
ORF7a:T120I
ORF7b:T40I
ORF8:Q27*
ORF8:R52I
ORF8:K68*
ORF8:Y73C
ORF8:E92K
ORF8:D119−
ORF8:F120−
N:D3L
N:Q9L
N:Q28H
N:G34W
N:D63G
N:R203M
N:R203K
N:G204P
N:G215C
N:S235F
N:D377Y
ORF9b:S6C
ORF9b:R25I
ORF9b:R32H
ORF9b:T60A
ORF14:G50N
ORF14:G50W
ORF14:E51Q
Frekvence
1
0.5
0
Dalsi mutace
4
3
2
1
0
VOC/VOI
1
0.5
0
Protein
Ceska republika 1144
Jihocesky 123
Jihomoravsky 122
Karlovarsky 0
Kralovehradecky 15
Liberecky 26
Moravskoslezsky 83
Olomoucky 129
Pardubicky 29
Plzensky 38
Praha 172
Stredocesky 80
Ustecky 24
Vysocina 93
Zlinsky 45
Neurceno 0
B.1.1.7
B.1.617.2
P.1
C.36.3
AY.12
AY.4
AY.9
B.1
B.1.1.236
MUC
MUI