

Table 2. Characteristic mutations specific for each lineage (ORF1a/b)

| Mutations | AY43 | AY103 | B | B.1.1 | B.1.1.7 | B.1.617.2 | C17 | C36 | C36.3 | C.38 |
|-----------|------|-------|---|-------|---------|-----------|-----|-----|-------|------|
| C884T | √ | | | | | | | | | |
| C1059T | √ | | | | | | | | | |
| C3264T | | | | | | | | √ | | |
| C3961T | | | | √ | | √ | | | | |
| C4002T | | | | | | | √ | √ | √ | √ |
| G4181T | √ | √ | | | | | | | | |
| A4307C | | | | | | | | | | √ |
| G5180A | | | | | | | | √ | | |
| G6320T | | | | | | | | | | √ |
| G6609T | | | | | | | | | | √ |
| G6884T | | | | | | | | | | √ |
| C7267T | | | | | √ | | | | | |
| C8950T | | | | | | | | √ | | |
| C8986T | √ | √ | | | | | | | | |
| G9053T | √ | √ | | | | | | | | |
| A9103C | | | | | | | | | | √ |
| G9203A | | | | | | | | | √ | |
| A9883G | | | | | √ | | | | | |
| G9929A | | | | | | | √ | | √ | |
| C10029T | √ | √ | | | | | | | | |
| G10097A | | | | | | | | √ | √ | |
| C11109T | √ | | | | | | | | | |
| C11325T | | | | | | | | | √ | |
| A11332G | √ | √ | | | | | | | | |
| T11337C | | | | | | | | | √ | |
| T11480G | | | | | √ | | | | | |
| C11653T | | | | | | | | √ | | |
| C13523T | | | | | √ | | | | | |
| A13533G | | | | | √ | | | | | |
| C13536T | | | | | | | √ | √ | √ | √ |
| C13887T | | | | √ | | √ | | | | |
| A15334G | | | | | | | | √ | | |
| G15451A | √ | | | | | | | | | |
| T16176C | | | | √ | | √ | | | | |
| G16381A | √ | | | | | | | | | |
| C16466T | √ | √ | | | | | | | | |
| A16555T | √ | | | | | | | | | |
| A17743T | | | | | | | | √ | | |
| G19549T | | | | | √ | | | | | |
| C19862T | | | | | | | | | | √ |
| C19920T | √ | √ | | | | | | | | |
| A20268G | √ | | | | | | | | | |
| C20646T | | | | | | | | | | √ |
| C20703T | | | | √ | | √ | | | | |
| C21618G | √ | √ | | | | | | | | |
| C21621T | | | | √ | | √ | | | | |
| C21727T | | | | | | | | | | √ |
| C21846T | √ | | | | | | | | | |
| T22016A | | | | | | | | | √ | |

| Mutations | AY43 | AY103 | B | B.1.1 | B.1.1.7 | B.1.617.2 | C17 | C36 | C36.3 | C.38 | |
|---------------------------------------|---|-------|---|-------|---------|-----------|-----------------------------------|-----|-------|------|--|
| A22600C | | | | | | | | | √ | | |
| C22995A | √ | √ | | | | | | | | | |
| A23116T | √ | | | | | | | | | | |
| A23329G | | | | | | | | √ | | | |
| C23604G | √ | √ | | | | | | | | | |
| C23604A | | | | √ | | √ | | | | | |
| C23731T | | | | | | | √ | √ | √ | √ | |
| G23948A | | | | | | | | | | √ | |
| G23958A | | | √ | | | | | | | | |
| T23962C | | | √ | | | | | | | | |
| G24257T | | | | | | | | | √ | | |
| G24410A | √ | √ | | | | | | | | | |
| C25469T | √ | √ | | | | | | | | | |
| C25587T | | | | | √ | | | | | | |
| T25975C | | | | | √ | | | | | | |
| G26104T | | | | | | | | √ | | | |
| T26112C | | | | | | | | | | √ | |
| G26620T | | | | | √ | | | | | | |
| T26667C | √ | | | | | | | | | | |
| T26767C | | | | | | | | | √ | √ | |
| C26936T | √ | | | | | | | | | | |
| T27638C | √ | √ | | | | | | | | | |
| T27693C | | | | | | | | √ | | | |
| T27752T | √ | √ | | | | | | | | | |
| C27874T | √ | √ | | | | | | | | | |
| G28079T | | | √ | | | | | | | | |
| A28095T | | | | √ | | √ | | | | | |
| A28111G | | | | √ | | √ | | | | | |
| C28311T | | | | | | | | | | √ | |
| A28461G | √ | √ | | | | | | | | | |
| G28881T | √ | √ | | | | | | | | | |
| G28908T | | | | | | | √ | √ | √ | √ | |
| G28916T | √ | √ | | | | | | | | | |
| C29077T | | | | | √ | | | | | | |
| G29402T | | | | | √ | | | | | | |
| G29405C | | | | | | | | | | √ | |
| C29632T | | | | | | | | | √ | | |
| G29742T | | | | | √ | | | | | | |
| G29747T | | | | | √ | | | | | | |
| Comments | | | | | | | | | | | |
| Total mutations | 29 | 18 | 3 | 8 | 13 | 8 | 5 | 14 | 14 | 17 | |
| Shared mutations between the lineages | G4181T, C8986T, G9053T, C10029T, A11332G, C16466T, C19920T, C21618G, C22995A, C23604G, G24410A, C25469T, T27638C, T27752T, C27874T, A28461G, G28881T, G28916T | | No shared mutations from the listed ones between the lineages | | | | C4002T, C13536T, C23731T, G28908T | | | | |