**Table 2:** Frequency of different mutations associated with the S glycoprotein of the Omicron variant (B.1.1.529)

|  |  |  |  |
| --- | --- | --- | --- |
| **Number** | **Mutations** | **Frequency (N=554)** | **Percentage (%)** |
| 1 | A67V | 541 | 97.65 |
| 2 | ∆H69 | 530 | 95.67 |
| 3 | ∆V70 | 528 | 95.31 |
| 4 | T95I | 545 | 98.38 |
| 5 | G142D | 524 | 94.58 |
| 6 | ∆V143 | 526 | 94.95 |
| 7 | ∆Y144 | 524 | 94.58 |
| 8 | ∆Y145 | 526 | 92.88 |
| 9 | ∆N211 | 487 | 87.91 |
| 10 | L212I | 487 | 87.91 |
| 11 | Ins214EPE | 477 | 86.10 |
| 12 | G339D | 540 | 97.47 |
| 13 | S371L | 496 | 89.53 |
| 14 | S373P | 497 | 89.71 |
| 15 | S375F | 486 | 87.73 |
| 16 | K417N | 245 | 44.22 |
| 17 | N440K | 261 | 47.11 |
| 18 | G446S | 281 | 50.72 |
| 19 | S477N | 516 | 93.14 |
| 20 | T478K | 516 | 93.14 |
| 21 | E484A | 518 | 93.50 |
| 22 | Q493R | 513 | 92.60 |
| 23 | Q496S | 504 | 90.97 |
| 24 | Q498R | 498 | 89.89 |
| 25 | N501Y | 511 | 92.24 |
| 26 | Y505H | 504 | 90.97 |
| 27 | T547K | 550 | 99.28 |
| 28 | D614G | 554 | 100.00 |
| 29 | H655Y | 553 | 99.82 |
| 30 | N679K | 549 | 99.10 |
| 31 | P681H | 550 | 99.28 |
| 32 | N764K | 406 | 73.29 |
| 33 | D796Y | 540 | 97.47 |
| 34 | N856K | 547 | 98.74 |
| 35 | Q954H | 546 | 98.56 |
| 36 | N969K | 539 | 96.29 |
| 37 | L981F | 537 | 95.93 |