|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Position in genome** | **Gene** | **Amino acid variant** | **Reference base** | **Variant base** | **Predicted effect** | **Cat 5** | **Cat 6** |
| 9246 | nsp4 | A231V | C | T | missense | 0.109848 | 0.12967 |
| 11083 | nsp6 | L37F | G | T | missense | 0.048263 | 0.0570735 |
| 13394 | nsp10 | K124E | A | G | missense | 0.037975 | 0 |
| 15036 | nsp12 | K532N | A | C | missense | 0.058824 | 0 |
| 15106 | nsp12 | T556P | A | C | missense | 0.031782 | 0 |
| 15168 | nsp12 | L576L | G | A | synonymous | 0.045752 | 0 |
| 15940 | nsp12 | P834S | C | T | missense | 0.057109 | 0.0478295 |
| 19983 | nsp15 | D124fs | C | CT | frameshift variant & stop gained | -- | 0.060126 |
| 21768 | S | H69R | A | G | missense | 1 | 0.9924445 |
| 23282 | S | D574Y | G | T | missense | 0.040634 | 0.0493335 |
| 23403 | S | D614G | A | G | missense | 0.989247 | 0.9833965 |