**Supplementary Table 2:** Coding and non-coding mutation list detected in SARS-CoV-2 genomes of our isolates.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sample ID** | **GenBank Accession** | **GISAID**  **Accession** | **Genome position** | **Gene** | **Final product** | **Protein** | **Nucleotide variation** | **Mutation type** | **n** |
| Kafkas-SARSCoV2-001 | MT786327 | EPI\_ISL\_495411 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-001 | 313 | ORF1ab | leader protein | p.(Leu16=) | c.48C>T | synonymous | 22 |
| Kafkas-SARSCoV2-001 | 2509 | ORF1ab | nsp2 | p.(Pro748=) | c.2244C>T | synonymous | 22 |
| Kafkas-SARSCoV2-001 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-001 | 13620 | ORF1ab | RNA-dep RNA-pol | p.(Asp4452=) | c.13355C>T | synonymous | 21 |
| Kafkas-SARSCoV2-001 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-001 | 14724 | ORF1ab | RNA-dep RNA-pol | p.(Phe4820=) | c.14459C>T | synonymous | 22 |
| Kafkas-SARSCoV2-001 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-001 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-001 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-001 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-001 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-001 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-002 | MT786861 | EPI\_ISL\_495412 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-002 | 313 | ORF1ab | leader protein | p.(Leu16=) | c.48C>T | synonymous | 22 |
| Kafkas-SARSCoV2-002 | 2509 | ORF1ab | nsp2 | p.(Pro748=) | c.2244C>T | synonymous | 22 |
| Kafkas-SARSCoV2-002 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-002 | 5015 | ORF1ab | nsp3 | p.(Val1584Met) | c.4750G>A | missense | 13 |
| Kafkas-SARSCoV2-002 | 13620 | ORF1ab | RNA-dep RNA-pol | p.(Asp4452=) | c.13355C>T | synonymous | 21 |
| Kafkas-SARSCoV2-002 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-002 | 14724 | ORF1ab | RNA-dep RNA-pol | p.(Phe4820=) | c.14459C>T | synonymous | 22 |
| Kafkas-SARSCoV2-002 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-002 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-002 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-002 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-002 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-002 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-003 | MT786865 | EPI\_ISL\_495413 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-003 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-003 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-003 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-003 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-003 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-003 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-003 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-003 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-004 | MT786329 | EPI\_ISL\_495414 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-004 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-004 | 7765 | ORF1ab | nsp3 | p.(Ser2500=) | c.7500C>T | synonymous | 14 |
| Kafkas-SARSCoV2-004 | 8326 | ORF1ab | nsp3 | p.(Asp2687=) | c.8061C>T | synonymous | 14 |
| Kafkas-SARSCoV2-004 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-004 | 17690 | ORF1ab | helicase | p.(Ser5809Leu) | c.17425C>T | missense | 14 |
| Kafkas-SARSCoV2-004 | 18877 | ORF1ab | 3'-to-5' exonuclease | p.(Leu6205=) | c.18612C>T | synonymous | 15 |
| Kafkas-SARSCoV2-004 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-004 | 25563 | ORF3a | NA | p.(Gln57His) | c.171G>T | missense | 16 |
| Kafkas-SARSCoV2-005 | MT786797 | EPI\_ISL\_495415 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-005 | 313 | ORF1ab | leader protein | p.(Leu16=) | c.48C>T | synonymous | 22 |
| Kafkas-SARSCoV2-005 | 2509 | ORF1ab | nsp2 | p.(Pro748=) | c.2244C>T | synonymous | 22 |
| Kafkas-SARSCoV2-005 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-005 | 5015 | ORF1ab | nsp3 | p.(Val1584Met) | c.4750G>A | missense | 13 |
| Kafkas-SARSCoV2-005 | 13620 | ORF1ab | RNA-dep RNA-pol | p.(Asp4452=) | c.13355C>T | synonymous | 21 |
| Kafkas-SARSCoV2-005 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-005 | 14724 | ORF1ab | RNA-dep RNA-pol | p.(Phe4820=) | c.14459C>T | synonymous | 22 |
| Kafkas-SARSCoV2-005 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-005 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-005 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-005 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-005 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-005 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-006 | MT786331 | EPI\_ISL\_495416 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-006 | 313 | ORF1ab | leader protein | p.(Leu16=) | c.48C>T | synonymous | 22 |
| Kafkas-SARSCoV2-006 | 2509 | ORF1ab | nsp2 | p.(Pro748=) | c.2244C>T | synonymous | 22 |
| Kafkas-SARSCoV2-006 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-006 | 13620 | ORF1ab | RNA-dep RNA-pol | p.(Asp4452=) | c.13355C>T | synonymous | 21 |
| Kafkas-SARSCoV2-006 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-006 | 14724 | ORF1ab | RNA-dep RNA-pol | p.(Phe4820=) | c.14459C>T | synonymous | 22 |
| Kafkas-SARSCoV2-006 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-006 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-006 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-006 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-006 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-006 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-007 | MT786334 | EPI\_ISL\_495417 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-007 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-007 | 6317 | ORF1ab | nsp3 | p.(Pro2018Ser) | c.6052C>T | missense | 1 |
| Kafkas-SARSCoV2-007 | 7765 | ORF1ab | nsp3 | p.(Ser2500=) | c.7500C>T | synonymous | 14 |
| Kafkas-SARSCoV2-007 | 8326 | ORF1ab | nsp3 | p.(Asp2687=) | c.8061C>T | synonymous | 14 |
| Kafkas-SARSCoV2-007 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-007 | 17690 | ORF1ab | helicase | p.(Ser5809Leu) | c.17425C>T | missense | 14 |
| Kafkas-SARSCoV2-007 | 18877 | ORF1ab | 3'-to-5' exonuclease | p.(Leu6205=) | c.18612C>T | synonymous | 15 |
| Kafkas-SARSCoV2-007 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-007 | 25563 | ORF3a | NA | p.(Gln57His) | c.171G>T | missense | 16 |
| Kafkas-SARSCoV2-008 | MT786859 | EPI\_ISL\_495418 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-008 | 313 | ORF1ab | leader protein | p.(Leu16=) | c.48C>T | synonymous | 22 |
| Kafkas-SARSCoV2-008 | 2509 | ORF1ab | nsp2 | p.(Pro748=) | c.2244C>T | synonymous | 22 |
| Kafkas-SARSCoV2-008 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-008 | 13620 | ORF1ab | RNA-dep RNA-pol | p.(Asp4452=) | c.13355C>T | synonymous | 21 |
| Kafkas-SARSCoV2-008 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-008 | 14724 | ORF1ab | RNA-dep RNA-pol | p.(Phe4820=) | c.14459C>T | synonymous | 22 |
| Kafkas-SARSCoV2-008 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-008 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-008 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-008 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-008 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-008 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-009 | MT786860 | EPI\_ISL\_495419 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-009 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-009 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-009 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-010 | MT786335 | EPI\_ISL\_49542 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-010 | 313 | ORF1ab | leader protein | p.(Leu16=) | c.48C>T | synonymous | 22 |
| Kafkas-SARSCoV2-010 | 2509 | ORF1ab | nsp2 | p.(Pro748=) | c.2244C>T | synonymous | 22 |
| Kafkas-SARSCoV2-010 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-010 | 4465 | ORF1ab | nsp3 | p.(Ser1400=) | c.4200A>G | synonymous | 1 |
| Kafkas-SARSCoV2-010 | 13620 | ORF1ab | RNA-dep RNA-pol | p.(Asp4452=) | c.13355C>T | synonymous | 21 |
| Kafkas-SARSCoV2-010 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-010 | 14724 | ORF1ab | RNA-dep RNA-pol | p.(Phe4820=) | c.14459C>T | synonymous | 22 |
| Kafkas-SARSCoV2-010 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-010 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-010 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-010 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-010 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-010 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-011 | MT786868 | EPI\_ISL\_495421 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-011 | 313 | ORF1ab | leader protein | p.(Leu16=) | c.48C>T | synonymous | 22 |
| Kafkas-SARSCoV2-011 | 2509 | ORF1ab | nsp2 | p.(Pro748=) | c.2244C>T | synonymous | 22 |
| Kafkas-SARSCoV2-011 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-011 | 4148 | ORF1ab | nsp3 | p.(Val1295Phe) | c.3883G>T | missense | 2 |
| Kafkas-SARSCoV2-011 | 5015 | ORF1ab | nsp3 | p.(Val1584Met) | c.4750G>A | missense | 13 |
| Kafkas-SARSCoV2-011 | 13620 | ORF1ab | RNA-dep RNA-pol | p.(Asp4452=) | c.13355C>T | synonymous | 21 |
| Kafkas-SARSCoV2-011 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-011 | 14724 | ORF1ab | RNA-dep RNA-pol | p.(Phe4820=) | c.14459C>T | synonymous | 22 |
| Kafkas-SARSCoV2-011 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-011 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-011 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-011 | 28166 | ORF8 | NA | p.(Gln91=) | c.273G>A | synonymous | 2 |
| Kafkas-SARSCoV2-011 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-011 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-011 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-012 | MT787647 | EPI\_ISL\_495422 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-012 | 313 | ORF1ab | leader protein | p.(Leu16=) | c.48C>T | synonymous | 22 |
| Kafkas-SARSCoV2-012 | 2509 | ORF1ab | nsp2 | p.(Pro748=) | c.2244C>T | synonymous | 22 |
| Kafkas-SARSCoV2-012 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-012 | 13620 | ORF1ab | RNA-dep RNA-pol | p.(Asp4452=) | c.13355C>T | synonymous | 21 |
| Kafkas-SARSCoV2-012 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-012 | 14724 | ORF1ab | RNA-dep RNA-pol | p.(Phe4820=) | c.14459C>T | synonymous | 22 |
| Kafkas-SARSCoV2-012 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-012 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-012 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-012 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-012 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-012 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-013 | MT787564 | EPI\_ISL\_495423 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-013 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-013 | 4795 | ORF1ab | nsp3 | p.(Ser1510=) | c.4530C>T | synonymous | 1 |
| Kafkas-SARSCoV2-013 | 11083 | ORF1ab | nsp6 | p.(Leu3606Phe) | c.10818G>T | missense | 3 |
| Kafkas-SARSCoV2-013 | 12809 | ORF1ab | nsp9 | p.(Leu4182Phe) | c.12544C>T | missense | 3 |
| Kafkas-SARSCoV2-013 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-013 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-013 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-013 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-013 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-013 | 29171 | N | NA | p.(His300Tyr) | c.898C>T | missense | 2 |
| Kafkas-SARSCoV2-014 | MT786866 | EPI\_ISL\_495424 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-014 | 313 | ORF1ab | leader protein | p.(Leu16=) | c.48C>T | synonymous | 22 |
| Kafkas-SARSCoV2-014 | 2509 | ORF1ab | nsp2 | p.(Pro748=) | c.2244C>T | synonymous | 22 |
| Kafkas-SARSCoV2-014 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-014 | 13620 | ORF1ab | RNA-dep RNA-pol | p.(Asp4452=) | c.13355C>T | synonymous | 21 |
| Kafkas-SARSCoV2-014 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-014 | 14724 | ORF1ab | RNA-dep RNA-pol | p.(Phe4820=) | c.14459C>T | synonymous | 22 |
| Kafkas-SARSCoV2-014 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-014 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-014 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-014 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-014 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-014 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-015 | MT787648 | EPI\_ISL\_495425 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-015 | 313 | ORF1ab | leader protein | p.(Leu16=) | c.48C>T | synonymous | 22 |
| Kafkas-SARSCoV2-015 | 2509 | ORF1ab | nsp2 | p.(Pro748=) | c.2244C>T | synonymous | 22 |
| Kafkas-SARSCoV2-015 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-015 | 5015 | ORF1ab | nsp3 | p.(Val1584Met) | c.4750G>A | missense | 13 |
| Kafkas-SARSCoV2-015 | 13620 | ORF1ab | RNA-dep RNA-pol | p.(Asp4452=) | c.13355C>T | synonymous | 21 |
| Kafkas-SARSCoV2-015 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-015 | 14724 | ORF1ab | RNA-dep RNA-pol | p.(Phe4820=) | c.14459C>T | synonymous | 22 |
| Kafkas-SARSCoV2-015 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-015 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-015 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-015 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-015 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-015 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-016 | MT787650 | EPI\_ISL\_495426 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-016 | 1059 | ORF1ab | nsp2 | p.(Thr265Ile) | c.794C>T | missense | 1 |
| Kafkas-SARSCoV2-016 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-016 | 4886 | ORF1ab | nsp3 | p.(Pro1541Ser) | c.4621C>T | missense | 1 |
| Kafkas-SARSCoV2-016 | 11083 | ORF1ab | nsp6 | p.(Leu3606Phe) | c.10818G>T | missense | 3 |
| Kafkas-SARSCoV2-016 | 13326 | ORF1ab | nsp10 | p.(Thr4354Ile) | c.13061C>T | missense | 1 |
| Kafkas-SARSCoV2-016 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-016 | 14937 | ORF1ab | RNA-dep RNA-pol | p.(Asp4891=) | c.14672C>T | synonymous | 1 |
| Kafkas-SARSCoV2-016 | 16914 | ORF1ab | helicase | p.(Val5550=) | c.16649G>T | synonymous | 1 |
| Kafkas-SARSCoV2-016 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-016 | 25563 | ORF3a | NA | p.(Gln57His) | c.171G>T | missense | 16 |
| Kafkas-SARSCoV2-016 | 26814 | M | NA | p.(Ala98Ser) | c.292G>T | missense | 1 |
| Kafkas-SARSCoV2-017 | MT787578 | EPI\_ISL\_495427 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-017 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-017 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-017 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-018 | MT787645 | EPI\_ISL\_495428 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-018 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-018 | 7765 | ORF1ab | nsp3 | p.(Ser2500=) | c.7500C>T | synonymous | 14 |
| Kafkas-SARSCoV2-018 | 8326 | ORF1ab | nsp3 | p.(Asp2687=) | c.8061C>T | synonymous | 14 |
| Kafkas-SARSCoV2-018 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-018 | 17690 | ORF1ab | helicase | p.(Ser5809Leu) | c.17425C>T | missense | 14 |
| Kafkas-SARSCoV2-018 | 18877 | ORF1ab | 3'-to-5' exonuclease | p.(Leu6205=) | c.18612C>T | synonymous | 15 |
| Kafkas-SARSCoV2-018 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-018 | 25563 | ORF3a | NA | p.(Gln57His) | c.171G>T | missense | 16 |
| Kafkas-SARSCoV2-019 | MT787577 | EPI\_ISL\_495429 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-019 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-019 | 7765 | ORF1ab | nsp3 | p.(Ser2500=) | c.7500C>T | synonymous | 14 |
| Kafkas-SARSCoV2-019 | 8326 | ORF1ab | nsp3 | p.(Asp2687=) | c.8061C>T | synonymous | 14 |
| Kafkas-SARSCoV2-019 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-019 | 17690 | ORF1ab | helicase | p.(Ser5809Leu) | c.17425C>T | missense | 14 |
| Kafkas-SARSCoV2-019 | 18877 | ORF1ab | 3'-to-5' exonuclease | p.(Leu6205=) | c.18612C>T | synonymous | 15 |
| Kafkas-SARSCoV2-019 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-019 | 25563 | ORF3a | NA | p.(Gln57His) | c.171G>T | missense | 16 |
| Kafkas-SARSCoV2-020 | MT787646 | EPI\_ISL\_495430 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-020 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-020 | 7765 | ORF1ab | nsp3 | p.(Ser2500=) | c.7500C>T | synonymous | 14 |
| Kafkas-SARSCoV2-020 | 8326 | ORF1ab | nsp3 | p.(Asp2687=) | c.8061C>T | synonymous | 14 |
| Kafkas-SARSCoV2-020 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-020 | 16428 | ORF1ab | helicase | p.(Tyr5388=) | c.16163C>T | synonymous | 6 |
| Kafkas-SARSCoV2-020 | 17690 | ORF1ab | helicase | p.(Ser5809Leu) | c.17425C>T | missense | 14 |
| Kafkas-SARSCoV2-020 | 18877 | ORF1ab | 3'-to-5' exonuclease | p.(Leu6205=) | c.18612C>T | synonymous | 15 |
| Kafkas-SARSCoV2-020 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-020 | 25563 | ORF3a | NA | p.(Gln57His) | c.171G>T | missense | 16 |
| Kafkas-SARSCoV2-020 | 28857 | N | NA | p.(Arg195Ile) | c.584G>T | missense | 6 |
| Kafkas-SARSCoV2-021 | MT787582 | EPI\_ISL\_495431 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-021 | 313 | ORF1ab | leader protein | p.(Leu16=) | c.48C>T | synonymous | 22 |
| Kafkas-SARSCoV2-021 | 2509 | ORF1ab | nsp2 | p.(Pro748=) | c.2244C>T | synonymous | 22 |
| Kafkas-SARSCoV2-021 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-021 | 5015 | ORF1ab | nsp3 | p.(Val1584Met) | c.4750G>A | missense | 13 |
| Kafkas-SARSCoV2-021 | 13620 | ORF1ab | RNA-dep RNA-pol | p.(Asp4452=) | c.13355C>T | synonymous | 21 |
| Kafkas-SARSCoV2-021 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-021 | 14724 | ORF1ab | RNA-dep RNA-pol | p.(Phe4820=) | c.14459C>T | synonymous | 22 |
| Kafkas-SARSCoV2-021 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-021 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-021 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-021 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-021 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-021 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-022 | MT787581 | EPI\_ISL\_495432 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-022 | 3037 | ORF1ab | leader protein | p.(Phe924=) | c.2772C>T | synonymous | 22 |
| Kafkas-SARSCoV2-022 | 5301 | ORF1ab | nsp2 | p.(Ala1679Val) | c.5036C>T | missense | 22 |
| Kafkas-SARSCoV2-022 | 12809 | ORF1ab | nsp3 | p.(Leu4182Phe) | c.12544C>T | missense | 47 |
| Kafkas-SARSCoV2-022 | 14408 | ORF1ab | nsp3 | p.(Pro4715Leu) | c.14143C>T | missense | 13 |
| Kafkas-SARSCoV2-022 | 23403 | S | nsp6 | p.(Asp614Gly) | c.1841A>G | missense | 3 |
| Kafkas-SARSCoV2-022 | 28881 | N | RNA-dep RNA-pol | p.(Arg203Lys) | c.608G>A | missense | 21 |
| Kafkas-SARSCoV2-022 | 28882 | N | RNA-dep RNA-pol | p.(Arg203=) | c.609G>A | synonymous | 47 |
| Kafkas-SARSCoV2-022 | 28883 | N | RNA-dep RNA-pol | p.(Gly204Arg) | c.610G>C | missense | 22 |
| Kafkas-SARSCoV2-023 | MT786336 | EPI\_ISL\_495433 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-023 | 313 | ORF1ab | NA | p.(Leu16=) | c.48C>T | synonymous | 23 |
| Kafkas-SARSCoV2-023 | 2509 | ORF1ab | NA | p.(Pro748=) | c.2244C>T | synonymous | 23 |
| Kafkas-SARSCoV2-023 | 3037 | ORF1ab | NA | p.(Phe924=) | c.2772C>T | synonymous | 28 |
| Kafkas-SARSCoV2-023 | 5015 | ORF1ab | NA | p.(Val1584Met) | c.4750G>A | missense | 28 |
| Kafkas-SARSCoV2-023 | 11083 | ORF1ab | NA | p.(Leu3606Phe) | c.10818G>T | missense | 28 |
| Kafkas-SARSCoV2-023 | 13620 | ORF1ab | NA | p.(Asp4452=) | c.13355C>T | synonymous | 47 |
| Kafkas-SARSCoV2-023 | 14408 | ORF1ab | nsp3 | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-023 | 14724 | ORF1ab | nsp3 | p.(Phe4820=) | c.14459C>T | synonymous | 1 |
| Kafkas-SARSCoV2-023 | 23403 | S | nsp9 | p.(Asp614Gly) | c.1841A>G | missense | 3 |
| Kafkas-SARSCoV2-023 | 24262 | S | RNA-dep RNA-pol | p.(Met900Ile) | c.2700G>T | missense | 47 |
| Kafkas-SARSCoV2-023 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 47 |
| Kafkas-SARSCoV2-023 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-023 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-023 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-024 | MT786337 | EPI\_ISL\_495434 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-024 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-024 | 7765 | ORF1ab | nsp3 | p.(Ser2500=) | c.7500C>T | synonymous | 14 |
| Kafkas-SARSCoV2-024 | 8326 | ORF1ab | nsp3 | p.(Asp2687=) | c.8061C>T | synonymous | 14 |
| Kafkas-SARSCoV2-024 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-024 | 16428 | ORF1ab | helicase | p.(Tyr5388=) | c.16163C>T | synonymous | 6 |
| Kafkas-SARSCoV2-024 | 17690 | ORF1ab | helicase | p.(Ser5809Leu) | c.17425C>T | missense | 14 |
| Kafkas-SARSCoV2-024 | 18877 | ORF1ab | 3'-to-5' exonuclease | p.(Leu6205=) | c.18612C>T | synonymous | 15 |
| Kafkas-SARSCoV2-024 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-024 | 25563 | ORF3a | NA | p.(Gln57His) | c.171G>T | missense | 16 |
| Kafkas-SARSCoV2-024 | 28857 | N | NA | p.(Arg195Ile) | c.584G>T | missense | 6 |
| Kafkas-SARSCoV2-025 | MT787580 | EPI\_ISL\_495435 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-025 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-025 | 13720 | ORF1ab | RNA-dep RNA-pol | p.(Pro4486Ser) | c.13455C>T | missense | 1 |
| Kafkas-SARSCoV2-025 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-025 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-025 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-025 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-025 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-026 | MT789689 | EPI\_ISL\_495436 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-026 | 313 | ORF1ab | leader protein | p.(Leu16=) | c.48C>T | synonymous | 22 |
| Kafkas-SARSCoV2-026 | 2509 | ORF1ab | nsp2 | p.(Pro748=) | c.2244C>T | synonymous | 22 |
| Kafkas-SARSCoV2-026 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-026 | 4148 | ORF1ab | nsp3 | p.(Val1295Phe) | c.3883G>T | missense | 2 |
| Kafkas-SARSCoV2-026 | 5015 | ORF1ab | nsp3 | p.(Val1584Met) | c.4750G>A | missense | 13 |
| Kafkas-SARSCoV2-026 | 13620 | ORF1ab | RNA-dep RNA-pol | p.(Asp4452=) | c.13355C>T | synonymous | 21 |
| Kafkas-SARSCoV2-026 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-026 | 14724 | ORF1ab | RNA-dep RNA-pol | p.(Phe4820=) | c.14459C>T | synonymous | 22 |
| Kafkas-SARSCoV2-026 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-026 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-026 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-026 | 28166 | ORF8 | NA | p.(Gln91=) | c.273G>A | synonymous | 2 |
| Kafkas-SARSCoV2-026 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-026 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-026 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-027 | MT787500 | EPI\_ISL\_495437 | 210 | 5'UTR | NA | NA | c.1-56G>T | Non-coding | 1 |
| Kafkas-SARSCoV2-027 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-027 | 2086 | ORF1ab | nsp2 | p.(Gln607His) | c.1821G>T | missense | 1 |
| Kafkas-SARSCoV2-027 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-027 | 7765 | ORF1ab | nsp3 | p.(Ser2500=) | c.7500C>T | synonymous | 14 |
| Kafkas-SARSCoV2-027 | 8326 | ORF1ab | nsp3 | p.(Asp2687=) | c.8061C>T | synonymous | 14 |
| Kafkas-SARSCoV2-027 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-027 | 16428 | ORF1ab | helicase | p.(Tyr5388=) | c.16163C>T | synonymous | 6 |
| Kafkas-SARSCoV2-027 | 17690 | ORF1ab | helicase | p.(Ser5809Leu) | c.17425C>T | missense | 14 |
| Kafkas-SARSCoV2-027 | 18877 | ORF1ab | 3'-to-5' exonuclease | p.(Leu6205=) | c.18612C>T | synonymous | 15 |
| Kafkas-SARSCoV2-027 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-027 | 25563 | ORF3a | NA | p.(Gln57His) | c.171G>T | missense | 16 |
| Kafkas-SARSCoV2-027 | 28857 | N | NA | p.(Arg195Ile) | c.584G>T | missense | 6 |
| Kafkas-SARSCoV2-028 | MT787749 | EPI\_ISL\_495438 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-028 | 313 | ORF1ab | leader protein | p.(Leu16=) | c.48C>T | synonymous | 22 |
| Kafkas-SARSCoV2-028 | 2509 | ORF1ab | nsp2 | p.(Pro748=) | c.2244C>T | synonymous | 22 |
| Kafkas-SARSCoV2-028 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-028 | 5015 | ORF1ab | nsp3 | p.(Val1584Met) | c.4750G>A | missense | 13 |
| Kafkas-SARSCoV2-028 | 13620 | ORF1ab | RNA-dep RNA-pol | p.(Asp4452=) | c.13355C>T | synonymous | 21 |
| Kafkas-SARSCoV2-028 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-028 | 14724 | ORF1ab | RNA-dep RNA-pol | p.(Phe4820=) | c.14459C>T | synonymous | 22 |
| Kafkas-SARSCoV2-028 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-028 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-028 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-028 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-028 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-028 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-029 | MT787745 | EPI\_ISL\_495439 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-029 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-029 | 7765 | ORF1ab | nsp3 | p.(Ser2500=) | c.7500C>T | synonymous | 14 |
| Kafkas-SARSCoV2-029 | 8326 | ORF1ab | nsp3 | p.(Asp2687=) | c.8061C>T | synonymous | 14 |
| Kafkas-SARSCoV2-029 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-029 | 16428 | ORF1ab | helicase | p.(Tyr5388=) | c.16163C>T | synonymous | 6 |
| Kafkas-SARSCoV2-029 | 17690 | ORF1ab | helicase | p.(Ser5809Leu) | c.17425C>T | missense | 14 |
| Kafkas-SARSCoV2-029 | 18877 | ORF1ab | 3'-to-5' exonuclease | p.(Leu6205=) | c.18612C>T | synonymous | 15 |
| Kafkas-SARSCoV2-029 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-029 | 25563 | ORF3a | NA | p.(Gln57His) | c.171G>T | missense | 16 |
| Kafkas-SARSCoV2-029 | 28857 | N | NA | p.(Arg195Ile) | c.584G>T | missense | 6 |
| Kafkas-SARSCoV2-030 | MT787748 | EPI\_ISL\_495440 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-030 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-030 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-030 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-031 | MT787742 | EPI\_ISL\_495441 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-031 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-031 | 4504 | ORF1ab | nsp3 | p.(Glu1413Asp) | c.4239G>T | missense | 1 |
| Kafkas-SARSCoV2-031 | 12809 | ORF1ab | nsp9 | p.(Leu4182Phe) | c.12544C>T | missense | 3 |
| Kafkas-SARSCoV2-031 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-031 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-031 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-031 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-031 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-031 | 29171 | N | NA | p.(His300Tyr) | c.898C>T | missense | 2 |
| Kafkas-SARSCoV2-032 | MT787486 | EPI\_ISL\_495442 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-032 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-032 | 7765 | ORF1ab | nsp3 | p.(Ser2500=) | c.7500C>T | synonymous | 14 |
| Kafkas-SARSCoV2-032 | 8326 | ORF1ab | nsp3 | p.(Asp2687=) | c.8061C>T | synonymous | 14 |
| Kafkas-SARSCoV2-032 | 13517 | ORF1ab | RNA-dep RNA-pol | p.(Thr4418Ile) | c.13252C>T | missense | 1 |
| Kafkas-SARSCoV2-032 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-032 | 17690 | ORF1ab | helicase | p.(Ser5809Leu) | c.17425C>T | missense | 14 |
| Kafkas-SARSCoV2-032 | 18877 | ORF1ab | 3'-to-5' exonuclease | p.(Leu6205=) | c.18612C>T | synonymous | 15 |
| Kafkas-SARSCoV2-032 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-032 | 25563 | ORF3a | NA | p.(Gln57His) | c.171G>T | missense | 16 |
| Kafkas-SARSCoV2-033 | MT787553 | EPI\_ISL\_495443 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-033 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-033 | 7765 | ORF1ab | nsp3 | p.(Ser2500=) | c.7500C>T | synonymous | 14 |
| Kafkas-SARSCoV2-033 | 8326 | ORF1ab | nsp3 | p.(Asp2687=) | c.8061C>T | synonymous | 14 |
| Kafkas-SARSCoV2-033 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-033 | 17690 | ORF1ab | helicase | p.(Ser5809Leu) | c.17425C>T | missense | 14 |
| Kafkas-SARSCoV2-033 | 18877 | ORF1ab | 3'-to-5' exonuclease | p.(Leu6205=) | c.18612C>T | synonymous | 15 |
| Kafkas-SARSCoV2-033 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-033 | 25563 | ORF3a | NA | p.(Gln57His) | c.171G>T | missense | 16 |
| Kafkas-SARSCoV2-034 | MT787473 | EPI\_ISL\_495444 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-034 | 313 | ORF1ab | leader protein | p.(Leu16=) | c.48C>T | synonymous | 22 |
| Kafkas-SARSCoV2-034 | 2509 | ORF1ab | nsp2 | p.(Pro748=) | c.2244C>T | synonymous | 22 |
| Kafkas-SARSCoV2-034 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-034 | 13620 | ORF1ab | RNA-dep RNA-pol | p.(Asp4452=) | c.13355C>T | synonymous | 21 |
| Kafkas-SARSCoV2-034 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-034 | 14724 | ORF1ab | RNA-dep RNA-pol | p.(Phe4820=) | c.14459C>T | synonymous | 22 |
| Kafkas-SARSCoV2-034 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-034 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-034 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-034 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-034 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-034 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-035 | MT787747 | EPI\_ISL\_495445 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-035 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-035 | 7765 | ORF1ab | nsp3 | p.(Ser2500=) | c.7500C>T | synonymous | 14 |
| Kafkas-SARSCoV2-035 | 8326 | ORF1ab | nsp3 | p.(Asp2687=) | c.8061C>T | synonymous | 14 |
| Kafkas-SARSCoV2-035 | 12111 | ORF1ab | nsp8 | p.(Ser3949Asn) | c.11846G>A | missense | 1 |
| Kafkas-SARSCoV2-035 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-035 | 16428 | ORF1ab | helicase | p.(Tyr5388=) | c.16163C>T | synonymous | 6 |
| Kafkas-SARSCoV2-035 | 17690 | ORF1ab | helicase | p.(Ser5809Leu) | c.17425C>T | missense | 14 |
| Kafkas-SARSCoV2-035 | 18877 | ORF1ab | 3'-to-5' exonuclease | p.(Leu6205=) | c.18612C>T | synonymous | 15 |
| Kafkas-SARSCoV2-035 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-035 | 25563 | ORF3a | NA | p.(Gln57His) | c.171G>T | missense | 16 |
| Kafkas-SARSCoV2-035 | 28857 | N | NA | p.(Arg195Ile) | c.584G>T | missense | 6 |
| Kafkas-SARSCoV2-036 | MT787743 | EPI\_ISL\_495446 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-036 | 313 | ORF1ab | leader protein | p.(Leu16=) | c.48C>T | synonymous | 22 |
| Kafkas-SARSCoV2-036 | 2509 | ORF1ab | nsp2 | p.(Pro748=) | c.2244C>T | synonymous | 22 |
| Kafkas-SARSCoV2-036 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-036 | 5015 | ORF1ab | nsp3 | p.(Val1584Met) | c.4750G>A | missense | 13 |
| Kafkas-SARSCoV2-036 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-036 | 14724 | ORF1ab | RNA-dep RNA-pol | p.(Phe4820=) | c.14459C>T | synonymous | 22 |
| Kafkas-SARSCoV2-036 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-036 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-036 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-036 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-036 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-036 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-037 | MT787506 | EPI\_ISL\_495447 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-037 | 313 | ORF1ab | leader protein | p.(Leu16=) | c.48C>T | synonymous | 22 |
| Kafkas-SARSCoV2-037 | 2509 | ORF1ab | nsp2 | p.(Pro748=) | c.2244C>T | synonymous | 22 |
| Kafkas-SARSCoV2-037 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-037 | 5015 | ORF1ab | nsp3 | p.(Val1584Met) | c.4750G>A | missense | 13 |
| Kafkas-SARSCoV2-037 | 13620 | ORF1ab | RNA-dep RNA-pol | p.(Asp4452=) | c.13355C>T | synonymous | 21 |
| Kafkas-SARSCoV2-037 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-037 | 14724 | ORF1ab | RNA-dep RNA-pol | p.(Phe4820=) | c.14459C>T | synonymous | 22 |
| Kafkas-SARSCoV2-037 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-037 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-037 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-037 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-037 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-037 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-038 | MT789691 | EPI\_ISL\_495448 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-038 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-038 | 7765 | ORF1ab | nsp3 | p.(Ser2500=) | c.7500C>T | synonymous | 14 |
| Kafkas-SARSCoV2-038 | 8326 | ORF1ab | nsp3 | p.(Asp2687=) | c.8061C>T | synonymous | 14 |
| Kafkas-SARSCoV2-038 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-038 | 17690 | ORF1ab | helicase | p.(Ser5809Leu) | c.17425C>T | missense | 14 |
| Kafkas-SARSCoV2-038 | 18877 | ORF1ab | 3'-to-5' exonuclease | p.(Leu6205=) | c.18612C>T | synonymous | 15 |
| Kafkas-SARSCoV2-038 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-038 | 25563 | ORF3a | NA | p.(Gln57His) | c.171G>T | missense | 16 |
| Kafkas-SARSCoV2-039 | MT787744 | EPI\_ISL\_495449 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-039 | 313 | ORF1ab | leader protein | p.(Leu16=) | c.48C>T | synonymous | 22 |
| Kafkas-SARSCoV2-039 | 2509 | ORF1ab | nsp2 | p.(Pro748=) | c.2244C>T | synonymous | 22 |
| Kafkas-SARSCoV2-039 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-039 | 5015 | ORF1ab | nsp3 | p.(Val1584Met) | c.4750G>A | missense | 13 |
| Kafkas-SARSCoV2-039 | 13620 | ORF1ab | RNA-dep RNA-pol | p.(Asp4452=) | c.13355C>T | synonymous | 21 |
| Kafkas-SARSCoV2-039 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-039 | 14724 | ORF1ab | RNA-dep RNA-pol | p.(Phe4820=) | c.14459C>T | synonymous | 22 |
| Kafkas-SARSCoV2-039 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-039 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-039 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-039 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-039 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-039 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-040 | MT787746 | EPI\_ISL\_495450 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-040 | 313 | ORF1ab | leader protein | p.(Leu16=) | c.48C>T | synonymous | 22 |
| Kafkas-SARSCoV2-040 | 2509 | ORF1ab | nsp2 | p.(Pro748=) | c.2244C>T | synonymous | 22 |
| Kafkas-SARSCoV2-040 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-040 | 13620 | ORF1ab | RNA-dep RNA-pol | p.(Asp4452=) | c.13355C>T | synonymous | 21 |
| Kafkas-SARSCoV2-040 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-040 | 14724 | ORF1ab | RNA-dep RNA-pol | p.(Phe4820=) | c.14459C>T | synonymous | 22 |
| Kafkas-SARSCoV2-040 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-040 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-040 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-040 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-040 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-040 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-041 | MT789690 | EPI\_ISL\_495451 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-041 | 2584 | ORF1ab | nsp2 | p.(Ala773=) | c.2319T>A | synonymous | 1 |
| Kafkas-SARSCoV2-041 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-041 | 5365 | ORF1ab | nsp3 | p.(Tyr1700=) | c.5100C>T | synonymous | 1 |
| Kafkas-SARSCoV2-041 | 8296 | ORF1ab | nsp3 | p.(Tyr2677=) | c.8031T>C | synonymous | 1 |
| Kafkas-SARSCoV2-041 | 12076 | ORF1ab | nsp7 | p.(Asn3937=) | c.11811C>T | synonymous | 1 |
| Kafkas-SARSCoV2-041 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-041 | 16968 | ORF1ab | helicase | p.(Glu5568Asp) | c.16703G>T | missense | 1 |
| Kafkas-SARSCoV2-041 | 18877 | ORF1ab | 3'-to-5' exonuclease | p.(Leu6205=) | c.18612C>T | synonymous | 15 |
| Kafkas-SARSCoV2-041 | 19586 | ORF1ab | 3'-to-5' exonuclease | p.(Thr6441Ile) | c.19321C>T | missense | 1 |
| Kafkas-SARSCoV2-041 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-041 | 25563 | ORF3a | NA | p.(Gln57His) | c.171G>T | missense | 16 |
| Kafkas-SARSCoV2-041 | 26681 | M | NA | p.(Phe53=) | c.159C>T | synonymous | 1 |
| Kafkas-SARSCoV2-041 | 28690 | N | NA | p.(Leu139Phe) | c.417G>T | missense | 1 |
| Kafkas-SARSCoV2-041 | 28854 | N | NA | p.(Ser194Leu) | c.581C>T | missense | 1 |
| Kafkas-SARSCoV2-042 | MT787503 | EPI\_ISL\_495452 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-042 | 313 | ORF1ab | leader protein | p.(Leu16=) | c.48C>T | synonymous | 22 |
| Kafkas-SARSCoV2-042 | 2509 | ORF1ab | nsp2 | p.(Pro748=) | c.2244C>T | synonymous | 22 |
| Kafkas-SARSCoV2-042 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-042 | 5015 | ORF1ab | nsp3 | p.(Val1584Met) | c.4750G>A | missense | 13 |
| Kafkas-SARSCoV2-042 | 13620 | ORF1ab | RNA-dep RNA-pol | p.(Asp4452=) | c.13355C>T | synonymous | 21 |
| Kafkas-SARSCoV2-042 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-042 | 14724 | ORF1ab | RNA-dep RNA-pol | p.(Phe4820=) | c.14459C>T | synonymous | 22 |
| Kafkas-SARSCoV2-042 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-042 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-042 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-042 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-042 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-042 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-043 | MT789688 | EPI\_ISL\_495453 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-043 | 313 | ORF1ab | leader protein | p.(Leu16=) | c.48C>T | synonymous | 22 |
| Kafkas-SARSCoV2-043 | 2509 | ORF1ab | nsp2 | p.(Pro748=) | c.2244C>T | synonymous | 22 |
| Kafkas-SARSCoV2-043 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-043 | 5015 | ORF1ab | nsp3 | p.(Val1584Met) | c.4750G>A | missense | 13 |
| Kafkas-SARSCoV2-043 | 13620 | ORF1ab | RNA-dep RNA-pol | p.(Asp4452=) | c.13355C>T | synonymous | 21 |
| Kafkas-SARSCoV2-043 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-043 | 14724 | ORF1ab | RNA-dep RNA-pol | p.(Phe4820=) | c.14459C>T | synonymous | 22 |
| Kafkas-SARSCoV2-043 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-043 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-043 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-043 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-043 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-043 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-044 | MT789692 | EPI\_ISL\_495454 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-044 | 313 | ORF1ab | leader protein | p.(Leu16=) | c.48C>T | synonymous | 22 |
| Kafkas-SARSCoV2-044 | 2509 | ORF1ab | nsp2 | p.(Pro748=) | c.2244C>T | synonymous | 22 |
| Kafkas-SARSCoV2-044 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-044 | 13620 | ORF1ab | RNA-dep RNA-pol | p.(Asp4452=) | c.13355C>T | synonymous | 21 |
| Kafkas-SARSCoV2-044 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-044 | 14724 | ORF1ab | RNA-dep RNA-pol | p.(Phe4820=) | c.14459C>T | synonymous | 22 |
| Kafkas-SARSCoV2-044 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-044 | 24262 | S | NA | p.(Met900Ile) | c.2700G>T | missense | 23 |
| Kafkas-SARSCoV2-044 | 27703 | ORF7a | NA | p.(Val104Phe) | c.310G>T | missense | 23 |
| Kafkas-SARSCoV2-044 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-044 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-044 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-045 | MT787558 | EPI\_ISL\_495455 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-045 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-045 | 7765 | ORF1ab | nsp3 | p.(Ser2500=) | c.7500C>T | synonymous | 14 |
| Kafkas-SARSCoV2-045 | 8326 | ORF1ab | nsp3 | p.(Asp2687=) | c.8061C>T | synonymous | 14 |
| Kafkas-SARSCoV2-045 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-045 | 17690 | ORF1ab | helicase | p.(Ser5809Leu) | c.17425C>T | missense | 14 |
| Kafkas-SARSCoV2-045 | 18877 | ORF1ab | 3'-to-5' exonuclease | p.(Leu6205=) | c.18612C>T | synonymous | 15 |
| Kafkas-SARSCoV2-045 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-045 | 25563 | ORF3a | NA | p.(Gln57His) | c.171G>T | missense | 16 |
| Kafkas-SARSCoV2-046 | MT789694 | EPI\_ISL\_495456 | 189 | 5'UTR | NA | NA | c.1-77G>T | Non-coding | 1 |
| Kafkas-SARSCoV2-046 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-046 | 1181 | ORF1ab | nsp2 | p.(Val306Phe) | c.916G>T | missense | 1 |
| Kafkas-SARSCoV2-046 | 2040 | ORF1ab | nsp2 | p.(Thr592Ile) | c.1775C>T | missense | 1 |
| Kafkas-SARSCoV2-046 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-046 | 4422 | ORF1ab | nsp3 | p.(Arg1386His) | c.4157G>A | missense | 1 |
| Kafkas-SARSCoV2-046 | 5017 | ORF1ab | nsp3 | p.(Val1584=) | c.4752G>A | synonymous | 1 |
| Kafkas-SARSCoV2-046 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-046 | 15738 | ORF1ab | RNA-dep RNA-pol | p.(Phe5158=) | c.15473C>T | synonymous | 1 |
| Kafkas-SARSCoV2-046 | 19839 | ORF1ab | endoRNAse | p.(Asn6525=) | c.19574T>C | synonymous | 1 |
| Kafkas-SARSCoV2-046 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-046 | 25471 | ORF3a | NA | p.(Asp27Tyr) | c.79G>T | missense | 1 |
| Kafkas-SARSCoV2-046 | 28881 | N | NA | p.(Arg203Lys) | c.608G>A | missense | 28 |
| Kafkas-SARSCoV2-046 | 28882 | N | NA | p.(Arg203=) | c.609G>A | synonymous | 28 |
| Kafkas-SARSCoV2-046 | 28883 | N | NA | p.(Gly204Arg) | c.610G>C | missense | 28 |
| Kafkas-SARSCoV2-047 | MT787487 | EPI\_ISL\_495457 | 241 | 5'UTR | NA | NA | c.1-25C>T | Non-coding | 47 |
| Kafkas-SARSCoV2-047 | 3037 | ORF1ab | nsp3 | p.(Phe924=) | c.2772C>T | synonymous | 47 |
| Kafkas-SARSCoV2-047 | 7765 | ORF1ab | nsp3 | p.(Ser2500=) | c.7500C>T | synonymous | 14 |
| Kafkas-SARSCoV2-047 | 8326 | ORF1ab | nsp3 | p.(Asp2687=) | c.8061C>T | synonymous | 14 |
| Kafkas-SARSCoV2-047 | 14408 | ORF1ab | RNA-dep RNA-pol | p.(Pro4715Leu) | c.14143C>T | missense | 47 |
| Kafkas-SARSCoV2-047 | 16428 | ORF1ab | helicase | p.(Tyr5388=) | c.16163C>T | synonymous | 6 |
| Kafkas-SARSCoV2-047 | 17690 | ORF1ab | helicase | p.(Ser5809Leu) | c.17425C>T | missense | 14 |
| Kafkas-SARSCoV2-047 | 18877 | ORF1ab | 3'-to-5' exonuclease | p.(Leu6205=) | c.18612C>T | synonymous | 15 |
| Kafkas-SARSCoV2-047 | 23403 | S | NA | p.(Asp614Gly) | c.1841A>G | missense | 47 |
| Kafkas-SARSCoV2-047 | 25563 | ORF3a | NA | p.(Gln57His) | c.171G>T | missense | 16 |
| Kafkas-SARSCoV2-047 | 28857 | N | NA | p.(Arg195Ile) | c.584G>T | missense | 6 |