**Severe acute respiratory syndrome coronavirus 2 isolate SARS-CoV-2/human/USA/CA-CDPH-8000000134/2022 ORF1ab polyprotein (ORF1ab), ORF1a polyprotein (ORF1ab), surface glycoprotein (S), ORF3a protein (ORF3a), envelope protein (E), membrane glycoprotein (M), ORF6...**

GenBank: ON618019.1

[FASTA](https://www.ncbi.nlm.nih.gov/nuccore/ON618019.1?report=fasta) [Graphics](https://www.ncbi.nlm.nih.gov/nuccore/ON618019.1?report=graph)

[Go to:](https://www.ncbi.nlm.nih.gov/nuccore/ON618019.1" \l "goto2245759575_0)

LOCUS ON618019 29703 bp RNA linear VRL 26-MAY-2022

DEFINITION Severe acute respiratory syndrome coronavirus 2 isolate

SARS-CoV-2/human/USA/CA-CDPH-8000000134/2022 ORF1ab polyprotein

(ORF1ab), ORF1a polyprotein (ORF1ab), surface glycoprotein (S),

ORF3a protein (ORF3a), envelope protein (E), membrane glycoprotein

(M), ORF6 protein (ORF6), ORF7a protein (ORF7a), ORF7b (ORF7b),

ORF8 protein (ORF8), nucleocapsid phosphoprotein (N), and ORF10

protein (ORF10) genes, complete cds.

ACCESSION ON618019

VERSION ON618019.1

DBLINK BioProject: [PRJNA750736](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA750736)

BioSample: [SAMN28165503](https://www.ncbi.nlm.nih.gov/biosample/SAMN28165503)

KEYWORDS .

SOURCE Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)

ORGANISM [Severe acute respiratory syndrome coronavirus 2](https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=2697049)

Viruses; Riboviria; Orthornavirae; Pisuviricota; Pisoniviricetes;

Nidovirales; Cornidovirineae; Coronaviridae; Orthocoronavirinae;

Betacoronavirus; Sarbecovirus.

REFERENCE 1 (bases 1 to 29703)

AUTHORS Smith,E.

TITLE Direct Submission

JOURNAL Submitted (26-MAY-2022) IDLB VRDL/COVIDNet, California Department

of Public Health, 850 Marina Bay Blvd, Richmond, CA 94804, USA

COMMENT ##Assembly-Data-START##

Assembly Method :: iVar v. 1.3.1

Sequencing Technology :: Illumina

##Assembly-Data-END##

FEATURES Location/Qualifiers

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[mat\_peptide](https://www.ncbi.nlm.nih.gov/protein/URG68759.1?from=181&to=818) 757..2670

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stem-loop 1"

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/ON618019.1?from=13430&to=13484) 13430..13484

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/gene="ORF3a"

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/product="ORF3a protein"

/protein\_id="[URG68761.1](https://www.ncbi.nlm.nih.gov/protein/2245759579)"

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LLVQ"

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/protein\_id="[URG68765.1](https://www.ncbi.nlm.nih.gov/protein/2245759583)"

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[CDS](https://www.ncbi.nlm.nih.gov/nuccore/ON618019.1?from=27689&to=27820) 27689..27820

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/gene="ORF8"

/codon\_start=1

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SFYEDFLEYHDVRVVLDFI"

[gene](https://www.ncbi.nlm.nih.gov/nuccore/ON618019.1?from=28207&to=29457) 28207..29457

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/gene="N"

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[gene](https://www.ncbi.nlm.nih.gov/nuccore/ON618019.1?from=29482&to=29598) 29482..29598

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[CDS](https://www.ncbi.nlm.nih.gov/nuccore/ON618019.1?from=29482&to=29598) 29482..29598

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/note="Coronavirus 3' UTR pseudoknot stem-loop 1"

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/ON618019.1?from=29553&to=29581) 29553..29581

/gene="ORF10"

/note="Coronavirus 3' UTR pseudoknot stem-loop 2"

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/note="Coronavirus 3' stem-loop II-like motif (s2m)"

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4501 acaac

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