**Severe acute respiratory syndrome coronavirus 2 isolate SARS-CoV-2/human/USA/CA-CCPHL-2023/2022 ORF1ab polyprotein (ORF1ab) gene, partial cds; and ORF1a polyprotein (ORF1ab), surface glycoprotein (S), ORF3a protein (ORF3a), envelope protein (E), membrane glyco...**

GenBank: ON209298.1

[FASTA](https://www.ncbi.nlm.nih.gov/nuccore/ON209298.1?report=fasta) [Graphics](https://www.ncbi.nlm.nih.gov/nuccore/ON209298.1?report=graph)

[Go to:](https://www.ncbi.nlm.nih.gov/nuccore/ON209298.1" \l "goto2221810267_0)

LOCUS ON209298 29651 bp RNA linear VRL 11-APR-2022

DEFINITION Severe acute respiratory syndrome coronavirus 2 isolate

SARS-CoV-2/human/USA/CA-CCPHL-2023/2022 ORF1ab polyprotein (ORF1ab)

gene, partial cds; and 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 ON209298

VERSION ON209298.1

DBLINK BioProject: [PRJNA793261](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA793261)

BioSample: [SAMN27527053](https://www.ncbi.nlm.nih.gov/biosample/SAMN27527053)

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 29651)

AUTHORS Wolfsohn,E.

TITLE Direct Submission

JOURNAL Submitted (11-APR-2022) Public Health Laboratory Services, Project

COVID-19, Contra Costa Public Health Laboratory submission group,

2500 Alhambra Ave #209, Martinez, CA 94553, USA

COMMENT ##Assembly-Data-START##

Assembly Method :: Clear Labs BIP v. Wv6

Sequencing Technology :: Oxford Nanopore

##Assembly-Data-END##

FEATURES Location/Qualifiers

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stem-loop 2"

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/product="ORF3a protein"

/protein\_id="[UOQ25243.1](https://www.ncbi.nlm.nih.gov/protein/2221810271)"

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LLVQ"

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/product="ORF6 protein"

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/translation="MFHLVDFQVTIAEILLIIMRTFKVSIWNLDYIINLIIKNLSKSL

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IVAAIVFITLCFTLKRKTE"

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[CDS](https://www.ncbi.nlm.nih.gov/nuccore/ON209298.1?from=27822&to=28187) 27822..28187

/gene="ORF8"

/codon\_start=1

/product="ORF8 protein"

/protein\_id="[UOQ25249.1](https://www.ncbi.nlm.nih.gov/protein/2221810277)"

/translation="MKFLVFLGIITTVAAFHQECSLQSCTQHQPYVVDDPCPIHFYSK

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SFYEDFLEYHDVRVVLDFI"

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/gene="N"

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/gene="N"

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/translation="MSDNGPQNQRNALRITFGGPSDSTGSNQNGGARSKQRRPQGLPN

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

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/ON209298.1?from=29647&to=29651) 29647..>29651

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

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