**Severe acute respiratory syndrome coronavirus 2 isolate SARS-CoV-2/human/USA/CA-CDC-FG-229617/2021, complete genome**

GenBank: OM233931.1

[FASTA](https://www.ncbi.nlm.nih.gov/nuccore/OM233931.1?report=fasta) [Graphics](https://www.ncbi.nlm.nih.gov/nuccore/OM233931.1?report=graph)

[Go to:](https://www.ncbi.nlm.nih.gov/nuccore/OM233931.1" \l "goto2177132793_0)

LOCUS OM233931 29802 bp RNA linear VRL 12-JAN-2022

DEFINITION Severe acute respiratory syndrome coronavirus 2 isolate

SARS-CoV-2/human/USA/CA-CDC-FG-229617/2021, complete genome.

ACCESSION OM233931

VERSION OM233931.1

DBLINK BioProject: [PRJNA731152](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA731152)

BioSample: [SAMN24860119](https://www.ncbi.nlm.nih.gov/biosample/SAMN24860119)

KEYWORDS purposeofsampling:baselinesurveillance.

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 29802)

AUTHORS Howard,D., Batra,D., Cook,P.W., Caravas,J., Rambo-Martin,B.,

Sammons,S., Unoarumhi,Y., Schmerer,M., Lacek,K.A., Kendall,T.,

Caban Figueroa,V., Morrison,S., Gulvick,C., Sula,E., Gao,H., Li,M.,

Gao,J., Fierro,J., Sapra,B., Tsai,B., Meng,Y., Ng,D., Xie,J.,

Paden,C.R. and MacCannell,D.

TITLE CDC Sars CoV2 Sequencing Baseline Constellation

JOURNAL Unpublished

REFERENCE 2 (bases 1 to 29802)

AUTHORS Howard,D., Batra,D., Cook,P.W., Caravas,J., Rambo-Martin,B.,

Sammons,S., Unoarumhi,Y., Schmerer,M., Lacek,K.A., Kendall,T.,

Caban Figueroa,V., Morrison,S., Gulvick,C., Sula,E., Gao,H., Li,M.,

Gao,J., Fierro,J., Sapra,B., Tsai,B., Meng,Y., Ng,D., Xie,J.,

Paden,C.R. and MacCannell,D.

TITLE Direct Submission

JOURNAL Submitted (12-JAN-2022) Respiratory Viruses Branch, Division of

Viral Diseases, Centers for Disease Control and Prevention, 1600

Clifton Rd, Atlanta, GA 30329, USA

COMMENT ##Assembly-Data-START##

Assembly Method :: BWA; iVar 1.3

Sequencing Technology :: Illumina NovaSeq

##Assembly-Data-END##

FEATURES Location/Qualifiers

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[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OM233931.1?from=13460&to=13487) 13460..13487

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/note="Coronavirus frameshifting stimulation element

stem-loop 1"

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OM233931.1?from=13472&to=13526) 13472..13526

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/note="Coronavirus frameshifting stimulation element

stem-loop 2"

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/product="ORF3a protein"

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LLVQ"

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/gene="ORF8"

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/gene="ORF8"

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SFYEDFLEYHDVRVVLDFI"

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GTTLPKGFYAEGSRGGSQASSRSSSRSRNSSRNSTPGSSKRTSPARMAGNGGDAALAL

LLLDRLNQLESKMSGKGQQQQGQTVTKKSAAEASKKPRQKRTATKAYNVTQAFGRRGP

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

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/gene="ORF10"

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OM233931.1?from=29694&to=29708) 29694..29708

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

ORIGIN

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