**Severe acute respiratory syndrome coronavirus 2 isolate SARS-CoV-2/human/USA/CA-CDC-FG-180156/2021, complete genome**

GenBank: OL815451.1

[FASTA](https://www.ncbi.nlm.nih.gov/nuccore/OL815451.1?report=fasta) [Graphics](https://www.ncbi.nlm.nih.gov/nuccore/OL815451.1?report=graph)

[Go to:](https://www.ncbi.nlm.nih.gov/nuccore/OL815451.1" \l "goto2163817071_0)

LOCUS OL815451 29786 bp RNA linear VRL 11-DEC-2021

DEFINITION Severe acute respiratory syndrome coronavirus 2 isolate

SARS-CoV-2/human/USA/CA-CDC-FG-180156/2021, complete genome.

ACCESSION OL815451

VERSION OL815451.1

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 29786)

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JOURNAL Unpublished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 29786)

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 (10-DEC-2021) Respiratory Viruses Branch, Division of

Viral Diseases, Centers for Disease Control and Prevention, 1600

Clifton Rd, Atlanta, GA 30329, USA

FEATURES Location/Qualifiers

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MCVEYCPIFFITGNTLQCIMLVYCFLGYFCTCYFGLFCLLNRYFRLTLGVYDYLVSTQ

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[mat\_peptide](https://www.ncbi.nlm.nih.gov/protein/UGO97991.1?from=2763&to=3262) 8515..10014

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[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OL815451.1?from=13427&to=13454) 13427..13454

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stem-loop 1"

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OL815451.1?from=13439&to=13493) 13439..13493

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/note="Coronavirus frameshifting stimulation element

stem-loop 2"

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[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OL815451.1?from=25326&to=26153) 25326..26153

/gene="ORF3a"

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/product="ORF3a protein"

/protein\_id="[UGO97993.1](https://www.ncbi.nlm.nih.gov/protein/2163817075)"

/translation="MDLFMRIFTIGTVTLKQGEIKDATPSDFVRATATIPIQASLPFG

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/gene="E"

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LLVQ"

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/gene="ORF6"

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/gene="ORF8"

[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OL815451.1?from=27827&to=28192) 27827..28192

/gene="ORF8"

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/product="ORF8 protein"

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SFYEDFLEYHDVRVVLDFI"

[gene](https://www.ncbi.nlm.nih.gov/nuccore/OL815451.1?from=28207&to=29457) 28207..29457

/gene="N"

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/gene="N"

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/translation="MGYINVFAFPFTIYSLLLCRMNSRNYIAQVDVVNFNLT"

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OL815451.1?from=29553&to=29581) 29553..29581

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OL815451.1?from=29652&to=29692) 29652..29692

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

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