**Severe acute respiratory syndrome coronavirus 2 isolate SARS-CoV-2/human/USA/CA-CDC-QDX35974755/2022 ORF1ab polyprotein (ORF1ab), ORF1a polyprotein (ORF1ab), surface glycoprotein (S), ORF3a protein (ORF3a), envelope protein (E), membrane glycoprotein (M), and ...**

GenBank: ON458445.1

[FASTA](https://www.ncbi.nlm.nih.gov/nuccore/ON458445.1?report=fasta) [Graphics](https://www.ncbi.nlm.nih.gov/nuccore/ON458445.1?report=graph)

[Go to:](https://www.ncbi.nlm.nih.gov/nuccore/ON458445.1" \l "goto2236168297_0)

LOCUS ON458445 29724 bp RNA linear VRL 09-MAY-2022

DEFINITION Severe acute respiratory syndrome coronavirus 2 isolate

SARS-CoV-2/human/USA/CA-CDC-QDX35974755/2022 ORF1ab polyprotein

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

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

(M), and ORF6 protein (ORF6) genes, complete cds; ORF7a gene,

complete sequence; and ORF7b (ORF7b), ORF8 protein (ORF8),

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

complete cds.

ACCESSION ON458445

VERSION ON458445.1

DBLINK BioProject: [PRJNA716985](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA716985)

BioSample: [SAMN28163489](https://www.ncbi.nlm.nih.gov/biosample/SAMN28163489)

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 29724)

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.,

Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson,B., Hua,M.,

Liu,Y., Bernstein,L.E., Livingston,K.E., Perez,A., Shlyakhter,I.A.,

Rolando,R.V., Owen,R., Tanpaiboon,P., Lacbawan,F., Paden,C.R. and

MacCannell,D.

TITLE CDC Sars CoV2 Sequencing Baseline Constellation

JOURNAL Unpublished

REFERENCE 2 (bases 1 to 29724)

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.,

Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson,B., Hua,M.,

Liu,Y., Bernstein,L.E., Livingston,K.E., Perez,A., Shlyakhter,I.A.,

Rolando,R.V., Owen,R., Tanpaiboon,P., Lacbawan,F., Paden,C.R. and

MacCannell,D.

TITLE Direct Submission

JOURNAL Submitted (09-MAY-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 v.7.12

Sequencing Technology :: Illumina Novaseq

##Assembly-Data-END##

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stem-loop 1"

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/ON458445.1?from=13429&to=13483) 13429..13483

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SFYEDFLEYHDVRVVLDFI"

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GTTLPKGFYAEGSRGGSQASSRSSSRSRNSSRNSTPGSSKRTSPARMAGNGGDAALAL

LLLDRLNQLESKMSGKGQQQQGQTVTKKSAAEASKKPRQKRTATKAYNVTQAFGRRGP

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

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