**Severe acute respiratory syndrome coronavirus 2 isolate SARS-CoV-2/human/USA/CO-CDC-MMB14067143/2022, complete genome**

GenBank: OM822024.1

[FASTA](https://www.ncbi.nlm.nih.gov/nuccore/OM822024.1?report=fasta) [Graphics](https://www.ncbi.nlm.nih.gov/nuccore/OM822024.1?report=graph)

[Go to:](https://www.ncbi.nlm.nih.gov/nuccore/OM822024.1" \l "goto2199329132_0)

LOCUS OM822024 29770 bp RNA linear VRL 25-FEB-2022

DEFINITION Severe acute respiratory syndrome coronavirus 2 isolate

SARS-CoV-2/human/USA/CO-CDC-MMB14067143/2022, complete genome.

ACCESSION OM822024

VERSION OM822024.1

DBLINK BioProject: [PRJNA738870](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA738870)

BioSample: [SAMN26239757](https://www.ncbi.nlm.nih.gov/biosample/SAMN26239757)

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 29770)

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., Tugwell,M.,

Moon,L., Paden,C.R. and MacCannell,D.

TITLE CDC Sars CoV2 Sequencing Baseline Constellation

JOURNAL Unpublished

REFERENCE 2 (bases 1 to 29770)

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., Tugwell,M.,

Moon,L., Paden,C.R. and MacCannell,D.

TITLE Direct Submission

JOURNAL Submitted (25-FEB-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 :: ion\_ampliseq\_sars-cov2

Sequencing Technology :: Ion GeneStudio S5 Prime

##Assembly-Data-END##

FEATURES Location/Qualifiers

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stem-loop 1"

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OM822024.1?from=13434&to=13488) 13434..13488

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/note="Coronavirus frameshifting stimulation element

stem-loop 2"

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/gene="S"

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[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OM822024.1?from=25330&to=26157) 25330..26157

/gene="ORF3a"

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/protein\_id="[ULS88333.1](https://www.ncbi.nlm.nih.gov/protein/2199329136)"

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/gene="E"

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LLVQ"

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/codon\_start=1

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/gene="ORF8"

/codon\_start=1

/product="ORF8 protein"

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SFYEDFLEYHDVRVVLDFI"

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/gene="N"

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/gene="N"

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GTTLPKGFYAEGSRGGSQASSRSSSRSRNSSRNSTPGSSKRTSPARMAGNGGDAALAL

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[gene](https://www.ncbi.nlm.nih.gov/nuccore/OM822024.1?from=29486&to=29602) 29486..29602

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OM822024.1?from=29557&to=29585) 29557..29585

/gene="ORF10"

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OM822024.1?from=29656&to=29696) 29656..29696

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

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