**Severe acute respiratory syndrome coronavirus 2 isolate SARS-CoV-2/human/USA/CO-CDPHE-2102618313/2022 ORF1ab polyprotein (ORF1ab), ORF1a polyprotein (ORF1ab), surface glycoprotein (S), ORF3a protein (ORF3a), envelope protein (E), membrane glycoprotein (M), ORF...**

GenBank: OM351535.1

[FASTA](https://www.ncbi.nlm.nih.gov/nuccore/OM351535.1?report=fasta) [Graphics](https://www.ncbi.nlm.nih.gov/nuccore/OM351535.1?report=graph)

[Go to:](https://www.ncbi.nlm.nih.gov/nuccore/OM351535.1" \l "goto2182515508_0)

LOCUS OM351535 29752 bp RNA linear VRL 24-JAN-2022

DEFINITION Severe acute respiratory syndrome coronavirus 2 isolate

SARS-CoV-2/human/USA/CO-CDPHE-2102618313/2022 ORF1ab polyprotein

(ORF1ab), 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 OM351535

VERSION OM351535.1

DBLINK BioProject: [PRJNA686984](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA686984)

BioSample: [SAMN25165143](https://www.ncbi.nlm.nih.gov/biosample/SAMN25165143)

Sequence Read Archive: [SRR17700201](https://www.ncbi.nlm.nih.gov/sra/SRR17700201)

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 29752)

AUTHORS Bankers,L., Hetherington-Rauth,M.C., Ir,D., Matzinger,S.R.,

Rossheim,A. and Smith,A.

TITLE Direct Submission

JOURNAL Submitted (23-JAN-2022) Department of Microbiology, CDPHE

SARS-CoV-2 submissions, 8100 E. Lowry Blvd., Denver, CO 80230, USA

COMMENT ##Assembly-Data-START##

Assembly Method :: BWA v. 0.7.17-r1188; iVar v. 1.3.1

Sequencing Technology :: Illumina

##Assembly-Data-END##

FEATURES Location/Qualifiers

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stem-loop 1"

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OM351535.1?from=13422&to=13470) 13422..>13470

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stem-loop 2"

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[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OM351535.1?from=25318&to=26145) 25318..26145

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/product="ORF3a protein"

/protein\_id="[UJM59075.1](https://www.ncbi.nlm.nih.gov/protein/2182515512)"

/translation="MDLFMRIFTIGTVTLKQGEIKDATPSDFVRATATIPIQASLPFG

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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/OM351535.1?from=29474&to=29590) 29474..29590

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[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OM351535.1?from=29545&to=29573) 29545..29573

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OM351535.1?from=29644&to=29684) 29644..29684

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

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