**Severe acute respiratory syndrome coronavirus 2 isolate SARS-CoV-2/human/USA/UT-UPHL-220530759487/2022, complete genome**

GenBank: ON794672.1

[FASTA](https://www.ncbi.nlm.nih.gov/nuccore/ON794672.1?report=fasta) [Graphics](https://www.ncbi.nlm.nih.gov/nuccore/ON794672.1?report=graph)

[Go to:](https://www.ncbi.nlm.nih.gov/nuccore/ON794672.1" \l "goto2255435311_0)

LOCUS ON794672 29586 bp RNA linear VRL 17-JUN-2022

DEFINITION Severe acute respiratory syndrome coronavirus 2 isolate

SARS-CoV-2/human/USA/UT-UPHL-220530759487/2022, complete genome.

ACCESSION ON794672

VERSION ON794672.1

DBLINK BioProject: [PRJNA614995](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA614995)

BioSample: [SAMN29178629](https://www.ncbi.nlm.nih.gov/biosample/SAMN29178629)

Sequence Read Archive: [SRR19735735](https://www.ncbi.nlm.nih.gov/sra/SRR19735735)

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 29586)

AUTHORS Linares-Perdomo,O.J.

TITLE Direct Submission

JOURNAL Submitted (17-JUN-2022) Utah Public Health Laboratory, Utah Public

Health Laboratory Infectious Disease submission group, 4431 S 2700

W, Salt Lake City, UT 84129, USA

COMMENT ##Assembly-Data-START##

Assembly Method :: Illumina DRAGEN COVID pipeline (R.U.O.) v.

1.0.1

Sequencing Technology :: Illumina

##Assembly-Data-END##

FEATURES Location/Qualifiers

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/note="Coronavirus frameshifting stimulation element

stem-loop 1"

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/ON794672.1?from=13299&to=13353) 13299..13353

/gene="ORF1ab"

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stem-loop 2"

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[CDS](https://www.ncbi.nlm.nih.gov/nuccore/ON794672.1?from=25201&to=26028) 25201..26028

/gene="ORF3a"

/codon\_start=1

/product="ORF3a protein"

/protein\_id="[USH98732.1](https://www.ncbi.nlm.nih.gov/protein/2255435315)"

/translation="MDLFMRIFTIGTVTLKQGEIKDATPSDFVRATATIPIQASLPFG

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NSVTSSIVITSGDGTTSPISEHDYQIGGYTEKWESGVKDCVVLHSYFTSDYYQLYSTQ

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/translation="MFHLVDFQVTIAEILLIIMRTFKVSIWNLDYIINLIIKNLSKSL

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/translation="MKIILFLALITLATCELYHYQECVRGTTVLLKEPCSSGTYEGNS

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IVAAIVFITLCFTLKRKTE"

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/gene="ORF8"

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/product="ORF8 protein"

/protein\_id="[USH98738.1](https://www.ncbi.nlm.nih.gov/protein/2255435321)"

/translation="MKFLVFLGIITTVAAFHQECSLQSCTQHQPYVVDDPCPIHFYSK

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SFYEDFLEYHDVRVVLDFI"

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/gene="N"

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

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

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

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