**Severe acute respiratory syndrome coronavirus 2 isolate SARS-CoV-2/human/USA/OH-UHTL-1997/2022, complete genome**

GenBank: OM877094.2

[FASTA](https://www.ncbi.nlm.nih.gov/nuccore/OM877094.2?report=fasta) [Graphics](https://www.ncbi.nlm.nih.gov/nuccore/OM877094.2?report=graph)

[Go to:](https://www.ncbi.nlm.nih.gov/nuccore/OM877094.2" \l "goto2220669603_0)

LOCUS OM877094 29850 bp RNA linear VRL 08-APR-2022

DEFINITION Severe acute respiratory syndrome coronavirus 2 isolate

SARS-CoV-2/human/USA/OH-UHTL-1997/2022, complete genome.

ACCESSION OM877094

VERSION OM877094.2

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 29850)

AUTHORS Sadri,N., Alouani,D. and Song,X.

TITLE Direct Submission

JOURNAL Submitted (01-MAR-2022) UHTL, University Hospitals, 7100 Euclid

Ave, Ste 190, Cleveland, OH 44103, USA

COMMENT On Apr 8, 2022 this sequence version replaced [OM877094.1](https://www.ncbi.nlm.nih.gov/nuccore/OM877094.1).

##Assembly-Data-START##

Assembly Method :: Torrent Suite v. 5.10

Sequencing Technology :: IonTorrent

##Assembly-Data-END##

FEATURES Location/Qualifiers

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FMCVEYCPIFFITGNTLQCIMLVYCFLGYFCTCYFGLFCLLNRYFRLTLGVYDYLVST

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stem-loop 1"

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OM877094.2?from=13479&to=13533) 13479..13533

/gene="ORF1ab"

/note="Coronavirus frameshifting stimulation element

stem-loop 2"

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EELDKYFKNHTSPDVDLGDISGINASVVNIQKEIDRLNEVAKNLNESLIDLQELGKYE

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[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OM877094.2?from=25375&to=26202) 25375..26202

/gene="ORF3a"

/codon\_start=1

/product="ORF3a protein"

/protein\_id="[UMF43352.1](https://www.ncbi.nlm.nih.gov/protein/2201558062)"

/translation="MDLFMRIFTIGTVTLKQGEIKDATPSDFVRATATIPIQASLPFG

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NSVTSSIVITSGDGTTSPISEHDYQIGGYTEKWESGVKDCVVLHSYFTSDYYQLYSTQ

LSTDIGVEHVTFFIYNKIVDEPEEHVQIHTIDGSSGVVNPVMEPIYDEPTTTTSVPL"

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/protein\_id="[UMF43353.1](https://www.ncbi.nlm.nih.gov/protein/2201558063)"

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LLVQ"

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/gene="ORF6"

/codon\_start=1

/product="ORF6 protein"

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/translation="MFHLVDFQVTIAEILLIIMRTFKVSIWNLDYIINLIIKNLSKSL

TENKYSQLDEEQPMEIL"

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/translation="MKIILFLALITLATCELYHYQECVRGTTVLLKEPCSSGTYEGNS

PFHPLADNKFALTCFSTQFAFACPDGVKHVYQLRARSVSPKLFIRQEEVQELYSPIFL

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/gene="ORF8"

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/gene="ORF8"

/codon\_start=1

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/protein\_id="[UMF43358.1](https://www.ncbi.nlm.nih.gov/protein/2201558068)"

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SFYEDFLEYHDVRVVLDFI"

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/gene="N"

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/gene="N"

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[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OM877094.2?from=29531&to=29647) 29531..29647

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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/OM877094.2?from=29602&to=29630) 29602..29630

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OM877094.2?from=29701&to=29715) 29701..29715

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

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