**Severe acute respiratory syndrome coronavirus 2 isolate SARS-CoV-2/human/USA/TMCL-022A Nasal Swab/2022, complete genome**

GenBank: OP629673.1

[FASTA](https://www.ncbi.nlm.nih.gov/nuccore/OP629673.1?report=fasta) [Graphics](https://www.ncbi.nlm.nih.gov/nuccore/OP629673.1?report=graph)

[Go to:](https://www.ncbi.nlm.nih.gov/nuccore/OP629673.1" \l "goto2316624418_0)

LOCUS OP629673 29750 bp RNA linear VRL 13-OCT-2022

DEFINITION Severe acute respiratory syndrome coronavirus 2 isolate

SARS-CoV-2/human/USA/TMCL-022A Nasal Swab/2022, complete genome.

ACCESSION OP629673

VERSION OP629673.1

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 29750)

AUTHORS Tseng,A.C., Qin,Y., Deng,Y. and Nerurkar,V.R.

TITLE Direct Submission

JOURNAL Submitted (13-OCT-2022) Tropical Medicine, Medical Microbiology and

Pharmacology, University of Hawaii at Manoa, 651 Ilalo Street,

Honolulu, HI 96813, USA

COMMENT ##Assembly-Data-START##

Assembly Method :: nf-core/viralrecom v. 2.5

Sequencing Technology :: Illumina

##Assembly-Data-END##

FEATURES Location/Qualifiers

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QEFRYMNSQGLLPPKNSIDAFKLNIKLLGVGGKPCIKVATVQSKMSDVKCTSVVLLSV

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stem-loop 1"

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OP629673.1?from=13429&to=13483) 13429..13483

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stem-loop 2"

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[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OP629673.1?from=25325&to=26152) 25325..26152

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/codon\_start=1

/product="ORF3a protein"

/protein\_id="[UYD63520.1](https://www.ncbi.nlm.nih.gov/protein/2316624422)"

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NSVTSSIVITSGDGTTSPISEHDYQIGGYTEKWESGVKDCVVLHSYFTSDYYQLYSTQ

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LLVQ"

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TENKYSQLDEEQPMEID"

[gene](https://www.ncbi.nlm.nih.gov/nuccore/OP629673.1?from=27326&to=27691) 27326..27691

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/translation="MKIILFLALITLATCELYHYQECVRGTTVLLKEPCSSGTYEGNS

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/gene="ORF8"

[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OP629673.1?from=27826&to=28191) 27826..28191

/gene="ORF8"

/codon\_start=1

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/protein\_id="[UYD63526.1](https://www.ncbi.nlm.nih.gov/protein/2316624428)"

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WYIRVGARKSAPLIELCVDEAGSKSPIQYIDIGNYTVSCLPFTINCQEPKLGSLVVRC

SFYEDFLEYHDVRVVLDFI"

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/gene="N"

[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OP629673.1?from=28206&to=29456) 28206..29456

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GTTLPKGFYAEGSRGGSQASSRSSSRSRNSSRNSTPGSSKRTSPARMAGNGGDAALAL

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[gene](https://www.ncbi.nlm.nih.gov/nuccore/OP629673.1?from=29481&to=29597) 29481..29597

/gene="ORF10"

[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OP629673.1?from=29481&to=29597) 29481..29597

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

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OP629673.1?from=29651&to=29691) 29651..29691

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

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