**Severe acute respiratory syndrome coronavirus 2 isolate SARS-CoV-2/human/USA/MA-CDCBI-CRSP\_AJSZPA3XZ6CDKXX5/2021 ORF1ab polyprotein (ORF1ab), ORF1a polyprotein (ORF1ab), surface glycoprotein (S), ORF3a protein (ORF3a), envelope protein (E), membrane glycoprote...**

GenBank: OM072551.1

[FASTA](https://www.ncbi.nlm.nih.gov/nuccore/OM072551.1?report=fasta) [Graphics](https://www.ncbi.nlm.nih.gov/nuccore/OM072551.1?report=graph)

[Go to:](https://www.ncbi.nlm.nih.gov/nuccore/OM072551.1?expand-gaps=on" \l "goto2171793133_0)

LOCUS OM072551 29804 bp RNA linear VRL 31-DEC-2021

DEFINITION Severe acute respiratory syndrome coronavirus 2 isolate

SARS-CoV-2/human/USA/MA-CDCBI-CRSP\_AJSZPA3XZ6CDKXX5/2021 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 OM072551

VERSION OM072551.1

DBLINK BioProject: [PRJNA715749](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA715749)

BioSample: [SAMN24523004](https://www.ncbi.nlm.nih.gov/biosample/SAMN24523004)

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 29804)

AUTHORS Lemieux,J.E., Siddle,K.J., Shaw,B., Adams,G., Pierce,V.,

Turbett,S., Anahtar,M., Branda,J., Slater,D., Harris,J., Lin,A.E.,

Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A.,

Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C.,

Chaluvadi,S., Neumann,A., Cusick,C., Chapman,S.B., Gnirke,A.,

Flowers,K., Cerrato,F., Birren,B.W., Gallagher,G., Smole,S.,

Park,D.J., MacInnis,B.L., Ryan,E., LaRocque,R., Rosenberg,E. and

Sabeti,P.C.

TITLE SARS-CoV-2 patient sequencing at the Broad Institute

JOURNAL Unpublished

REFERENCE 2 (bases 1 to 29804)

AUTHORS Lemieux,J.E., Siddle,K.J., Shaw,B., Adams,G., Pierce,V.,

Turbett,S., Anahtar,M., Branda,J., Slater,D., Harris,J., Lin,A.E.,

Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A.,

Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C.,

Chaluvadi,S., Neumann,A., Cusick,C., Chapman,S.B., Gnirke,A.,

Flowers,K., Cerrato,F., Birren,B.W., Gallagher,G., Smole,S.,

Park,D.J., MacInnis,B.L., Ryan,E., LaRocque,R., Rosenberg,E. and

Sabeti,P.C.

TITLE Direct Submission

JOURNAL Submitted (30-DEC-2021) Infectious Disease Program, Broad Institute

of Harvard and MIT, 75 Ames St, Cambridge, MA 02142, USA

COMMENT ##Assembly-Data-START##

Assembly Method :: Broad viral-ngs v. v2.1.33

Coverage :: 4041x

Sequencing Technology :: Illumina NovaSeq 6000

##Assembly-Data-END##

FEATURES Location/Qualifiers

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CRSP\_AJSZPA3XZ6CDKXX5/2021"

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Sequencing Platform"

/note="Baseline surveillance (random sampling)"

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stem-loop 1"

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OM072551.1?from=13433&to=13487) 13433..13487

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/protein\_id="[UHU97102.1](https://www.ncbi.nlm.nih.gov/protein/2171793138)"

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/gene="ORF8"

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SFYEDFLEYHDVRVVLDFI"

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/gene="N"

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OM072551.1?from=29556&to=29584) 29556..29584

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OM072551.1?from=29655&to=29669) 29655..29669

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

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