**Severe acute respiratory syndrome coronavirus 2 isolate SARS-CoV-2/human/USA/VT-Broad-CRSP\_BASF6SBPTLBI5WS5/2022, complete genome**

GenBank: ON321116.1

[FASTA](https://www.ncbi.nlm.nih.gov/nuccore/ON321116.1?report=fasta) [Graphics](https://www.ncbi.nlm.nih.gov/nuccore/ON321116.1?report=graph)

[Go to:](https://www.ncbi.nlm.nih.gov/nuccore/ON321116.1" \l "goto2228707102_0)

LOCUS ON321116 29830 bp RNA linear VRL 22-APR-2022

DEFINITION Severe acute respiratory syndrome coronavirus 2 isolate

SARS-CoV-2/human/USA/VT-Broad-CRSP\_BASF6SBPTLBI5WS5/2022, complete

genome.

ACCESSION ON321116

VERSION ON321116.1

DBLINK BioProject: [PRJNA622837](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA622837)

BioSample: [SAMN27679353](https://www.ncbi.nlm.nih.gov/biosample/SAMN27679353)

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 29830)

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JOURNAL Unpublished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 29830)

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 (22-APR-2022) 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 :: 5815x

Sequencing Technology :: Illumina NovaSeq 6000

##Assembly-Data-END##

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CRSP\_BASF6SBPTLBI5WS5/2022"

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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/ON321116.1?from=13459&to=13513) 13459..13513

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stem-loop 2"

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/product="ORF3a protein"

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PFHPLADNKFALTCFSTQFAFACPDGVKHVYQLRARSVSPKLFIRQEEVQELYSPIFL

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SFYEDFLEYHDVRVVLDFI"

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/gene="N"

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GTTLPKGFYAEGSRGGSQASSRSSSRSRNSSRNSTPGSSKRTSPARMAGNGGDAALAL

LLLDRLNQLESKMSGKGQQQQGQTVTKKSAAEASKKPRQKRTATKAYNVTQAFGRRGP

EQTQGNFGDQELIRQGTDYKHWPQIAQFAPSASAFFGMSRIGMEVTPSGTWLTYTGAI

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/ON321116.1?from=29582&to=29610) 29582..29610

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/ON321116.1?from=29681&to=29695) 29681..29695

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

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