**Severe acute respiratory syndrome coronavirus 2 isolate SARS-CoV-2/human/USA/NJ-PHEL-V22016186/2022 ORF1ab polyprotein (ORF1ab) gene, partial cds; and ORF1a polyprotein (ORF1ab), surface glycoprotein (S), ORF3a protein (ORF3a), envelope protein (E), membrane g...**

GenBank: ON239032.1

[FASTA](https://www.ncbi.nlm.nih.gov/nuccore/ON239032.1?report=fasta) [Graphics](https://www.ncbi.nlm.nih.gov/nuccore/ON239032.1?report=graph)

[Go to:](https://www.ncbi.nlm.nih.gov/nuccore/ON239032.1" \l "goto2223209399_0)

LOCUS ON239032 29651 bp RNA linear VRL 14-APR-2022

DEFINITION Severe acute respiratory syndrome coronavirus 2 isolate

SARS-CoV-2/human/USA/NJ-PHEL-V22016186/2022 ORF1ab polyprotein

(ORF1ab) gene, partial cds; and 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 ON239032

VERSION ON239032.1

DBLINK BioProject: [PRJNA708324](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA708324)

BioSample: [SAMN27584724](https://www.ncbi.nlm.nih.gov/biosample/SAMN27584724)

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 29651)

AUTHORS Bodnar,L., Verma,S.K., Filippo,C.S., Ali,M., Schwem,B.,

Pugliese,M.-M., Woell,D. and Jeong,B.S.

TITLE Direct Submission

JOURNAL Submitted (14-APR-2022) PHEL- Virology, NJDOH PHEL-Virology's

shared submissions, 3 Schwarzkopf Dr., Ewing, NJ 08628, USA

COMMENT ##Assembly-Data-START##

Assembly Method :: Medaka via Artic v. 1.2.1

Sequencing Technology :: Oxford Nanopore Technologies

##Assembly-Data-END##

FEATURES Location/Qualifiers

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stem-loop 1"

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/ON239032.1?from=13425&to=13479) 13425..13479

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stem-loop 2"

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[CDS](https://www.ncbi.nlm.nih.gov/nuccore/ON239032.1?from=25321&to=26148) 25321..26148

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/product="ORF3a protein"

/protein\_id="[UOW90029.1](https://www.ncbi.nlm.nih.gov/protein/2223209403)"

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LLVQ"

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/codon\_start=1

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SFYEDFLEYHDVRVVLDFI"

[gene](https://www.ncbi.nlm.nih.gov/nuccore/ON239032.1?from=28202&to=29452) 28202..29452

/gene="N"

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GTTLPKGFYAEGSRGGSQASSRSSSRSRNSSRNSTPGSSKRTSPARMAGNGGDAALAL

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/ON239032.1?from=29548&to=29576) 29548..29576

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/ON239032.1?from=29647&to=29651) 29647..>29651

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

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