**Severe acute respiratory syndrome coronavirus 2 isolate SARS-CoV-2/human/USA/FL-CDC-2-4653360/2021 ORF1ab polyprotein (ORF1ab), ORF1a polyprotein (ORF1ab), and surface glycoprotein (S) genes, complete cds; ORF3a gene, complete sequence; and envelope protein (E...**

GenBank: MZ727706.1

[FASTA](https://www.ncbi.nlm.nih.gov/nuccore/MZ727706.1?report=fasta) [Graphics](https://www.ncbi.nlm.nih.gov/nuccore/MZ727706.1?report=graph)

[Go to:](https://www.ncbi.nlm.nih.gov/nuccore/MZ727706.1" \l "goto2077631951_0)

LOCUS MZ727706 29792 bp RNA linear VRL 09-AUG-2021

DEFINITION Severe acute respiratory syndrome coronavirus 2 isolate

SARS-CoV-2/human/USA/FL-CDC-2-4653360/2021 ORF1ab polyprotein

(ORF1ab), ORF1a polyprotein (ORF1ab), and surface glycoprotein (S)

genes, complete cds; ORF3a gene, complete sequence; and 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 MZ727706

VERSION MZ727706.1

KEYWORDS purposeofsampling:baselinesurveillance.

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 29792)

AUTHORS Sheth,M., Nobles,S., Padilla,J., Burgin,A., Bentz,M., Burroughs,M.,

Cook,P., Paden,C.R., Batra,D., Queen,K., Knipe,K., Howard,D.,

Unoarumhi,Y., Schmerer,M., Rambo-Martin,B.L., Lacek,K., Shepard,S.,

Wentworth,D., Dugan,V., Tong,S. and Lee,J.

TITLE CDC Sars CoV2 Sequencing Baseline Constellation

JOURNAL Unpublished

REFERENCE 2 (bases 1 to 29792)

AUTHORS Sheth,M., Nobles,S., Padilla,J., Burgin,A., Bentz,M., Burroughs,M.,

Cook,P., Paden,C.R., Batra,D., Queen,K., Knipe,K., Howard,D.,

Unoarumhi,Y., Schmerer,M., Rambo-Martin,B.L., Lacek,K., Shepard,S.,

Wentworth,D., Dugan,V., Tong,S. and Lee,J.

TITLE Direct Submission

JOURNAL Submitted (09-AUG-2021) Biotechnology Core Facility Branch, Centers

for Disease Control and Prevention, 1600 Clifton Rd, Atlanta, GA

30329, USA

COMMENT ##Assembly-Data-START##

Assembly Method :: IRMA v0.9.5-beta

Sequencing Technology :: Illumina

##Assembly-Data-END##

FEATURES Location/Qualifiers

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stem-loop 1"

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[misc\_feature](https://www.ncbi.nlm.nih.gov/nuccore/MZ727706.1?from=25337&to=26160) 25337..26160

/gene="ORF3a"

/note="similar to ORF3a protein"

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/product="ORF7a protein"

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DLSPRWYFYYLGTGPEAGLPYGANKDGIIWVATEGALNTPKDHIGTRNPANNAAIVLQ

LPQGTTLPKGFYAEGSRGGSQASSRSSSRSRNSSRNSTPGSSRGISPARMAGNGGDAA

LALLLLDRLNQLESKMSGKGQQQQGQTVTKKSAAEASKKPRQKRTATKAYNVTQAFGR

RGPEQTQGNFGDQELIRQGTDYKHWPQIAQFAPSASAFFGMSRIGMEVTPSGTWLTYT

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/codon\_start=1

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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/MZ727706.1?from=29668&to=29708) 29668..29708

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

ORIGIN

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