**Severe acute respiratory syndrome coronavirus 2 isolate SARS-CoV-2/human/USA/FL-CDC-FG-029410/2021 ORF1ab polyprotein (ORF1ab) and ORF1a polyprotein (ORF1ab) genes, partial cds; surface glycoprotein (S), ORF3a protein (ORF3a), envelope protein (E), membrane gl...**

GenBank: MZ155303.1

[FASTA](https://www.ncbi.nlm.nih.gov/nuccore/MZ155303.1?report=fasta) [Graphics](https://www.ncbi.nlm.nih.gov/nuccore/MZ155303.1?report=graph)

[Go to:](https://www.ncbi.nlm.nih.gov/nuccore/MZ155303.1" \l "goto2034511021_0)

LOCUS MZ155303 29809 bp RNA linear VRL 27-JUL-2021

DEFINITION Severe acute respiratory syndrome coronavirus 2 isolate

SARS-CoV-2/human/USA/FL-CDC-FG-029410/2021 ORF1ab polyprotein

(ORF1ab) and ORF1a polyprotein (ORF1ab) genes, partial cds; surface

glycoprotein (S), ORF3a protein (ORF3a), envelope protein (E),

membrane glycoprotein (M), ORF6 protein (ORF6), ORF7a protein

(ORF7a), and ORF7b (ORF7b) genes, complete cds; ORF8 gene, complete

sequence; and nucleocapsid phosphoprotein (N) and ORF10 protein

(ORF10) genes, complete cds.

ACCESSION MZ155303

VERSION MZ155303.1

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 29809)

AUTHORS Howard,D., Batra,D., Cook,P.W., Moser,K., Paskey,A., Caravas,J.,

Rambo-Martin,B., Morrison,S., Gulvick,C., Sammons,S., Unoarumhi,Y.,

Wagner,D., Schmerer,M., Gao,H., Li,M., Gao,J., Fierro,J., Sapra,B.,

Tsai,B., Meng,Y., Ng,D., Xie,J., Paden,C.R. and MacCannell,D.

TITLE National SARS-CoV-2 Surveillance Surveillance

JOURNAL Unpublished

REFERENCE 2 (bases 1 to 29809)

AUTHORS Howard,D., Batra,D., Cook,P.W., Moser,K., Paskey,A., Caravas,J.,

Rambo-Martin,B., Morrison,S., Gulvick,C., Sammons,S., Unoarumhi,Y.,

Wagner,D., Schmerer,M., Gao,H., Li,M., Gao,J., Fierro,J., Sapra,B.,

Tsai,B., Meng,Y., Ng,D., Xie,J., Paden,C.R. and MacCannell,D.

TITLE Direct Submission

JOURNAL Submitted (10-MAY-2021) Respiratory Viruses Branch, Centers for

Disease Control and Prevention, 1600 Clifton Rd, Atlanta, GA 30329,

USA

COMMENT ##Assembly-Data-START##

Assembly Method :: BWA; iVar 1.3

Sequencing Technology :: Illumina NovaSeq

##Assembly-Data-END##

FEATURES Location/Qualifiers

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[mat\_peptide](https://www.ncbi.nlm.nih.gov/protein/QUX69499.1?from=817&to=2761) 2680..8514

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[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/MZ155303.1?from=13436&to=13463) 13436..13463

/gene="ORF1ab"

/note="Coronavirus frameshifting stimulation element

stem-loop 1"

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/MZ155303.1?from=13448&to=13502) 13448..13502

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stem-loop 2"

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/gene="ORF3a"

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/gene="ORF8"

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/gene="ORF8"

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/gene="N"

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/gene="ORF10"

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/MZ155303.1?from=29576&to=29604) 29576..29604

/gene="ORF10"

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/MZ155303.1?from=29675&to=29715) 29675..29715

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

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