**Severe acute respiratory syndrome coronavirus 2 isolate SARS-CoV-2/human/JPN/HiroFH227c/2022, complete genome**

GenBank: OP209732.1

[FASTA](https://www.ncbi.nlm.nih.gov/nuccore/OP209732.1?report=fasta) [Graphics](https://www.ncbi.nlm.nih.gov/nuccore/OP209732.1?report=graph)

[Go to:](https://www.ncbi.nlm.nih.gov/nuccore/OP209732.1" \l "goto2284799951_0)

LOCUS OP209732 29853 bp RNA linear VRL 11-AUG-2022

DEFINITION Severe acute respiratory syndrome coronavirus 2 isolate

SARS-CoV-2/human/JPN/HiroFH227c/2022, complete genome.

ACCESSION OP209732

VERSION OP209732.1

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 29853)

AUTHORS Kurose,M., Kanda,M., Fukunaga,S., Nomura,T., Tahara,H., Ohge,H.,

Ohdan,H., Kubo,T., Kishita,E., Kuwabara,M., Takahashi,K., Tanaka,J.

and Sakaguchi,T.

TITLE Molecular epidemiology of SARS-CoV-2 in Hiroshima Prefecture in

Japan

JOURNAL Unpublished

REFERENCE 2 (bases 1 to 29853)

AUTHORS Nomura,T., Hirakawa,R., Morita,T., Kurose,M. and Sakaguchi,T.

TITLE Direct Submission

JOURNAL Submitted (11-AUG-2022) Department of Virology, Hiroshima

University, 1-2-3 Kasumi, Hiroshima 734-8551, Japan

COMMENT ##Assembly-Data-START##

Assembly Method :: One Codex v. JUL-2022

Sequencing Technology :: Illumina

##Assembly-Data-END##

FEATURES Location/Qualifiers

source 1..29853

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GSVGFNIDYDCVSFCYMHHMELPSGVHAGTDLEGNFYGPFVDRQTAQAAGTDTTITVN

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/gene="ORF1ab"

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[mat\_peptide](https://www.ncbi.nlm.nih.gov/protein/UUV74774.1?from=181&to=818) 802..2715

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[mat\_peptide](https://www.ncbi.nlm.nih.gov/protein/UUV74774.1?from=3264&to=3569) 10051..10968

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/note="Coronavirus frameshifting stimulation element

stem-loop 1"

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OP209732.1?from=13475&to=13529) 13475..13529

/gene="ORF1ab"

/note="Coronavirus frameshifting stimulation element

stem-loop 2"

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/gene="S"

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/gene="S"

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[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OP209732.1?from=25377&to=26204) 25377..26204

/gene="ORF3a"

/codon\_start=1

/product="ORF3a protein"

/protein\_id="[UUV74776.1](https://www.ncbi.nlm.nih.gov/protein/2284799955)"

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/gene="E"

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LLVQ"

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[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OP209732.1?from=27186&to=27371) 27186..27371

/gene="ORF6"

/codon\_start=1

/product="ORF6 protein"

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/gene="ORF7a"

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/codon\_start=1

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[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OP209732.1?from=27740&to=27871) 27740..27871

/gene="ORF7b"

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/translation="MIELSLIDFYLCFLAFLLFLVLIMLIIFWFSLELQDHNETCHA"

[gene](https://www.ncbi.nlm.nih.gov/nuccore/OP209732.1?from=27878&to=28243) 27878..28243

/gene="ORF8"

[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OP209732.1?from=27878&to=28243) 27878..28243

/gene="ORF8"

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/protein\_id="[UUV74782.1](https://www.ncbi.nlm.nih.gov/protein/2284799961)"

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SFYEDFLEYHDVRVVLDFI"

[gene](https://www.ncbi.nlm.nih.gov/nuccore/OP209732.1?from=28258&to=29517) 28258..29517

/gene="N"

[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OP209732.1?from=28258&to=29517) 28258..29517

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LPQGTTLPKGFYAEGSRGGSQASSRSSSRSRNSSRNSTPGSSKRTSPARMAGNGGDAA

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RGPEQTQGNFGDQELIRQGTDYKHWPQIAQFAPSASAFFGMSRIGMEVTPSGTWLTYT

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[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OP209732.1?from=29542&to=29658) 29542..29658

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/codon\_start=1

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OP209732.1?from=29613&to=29641) 29613..29641

/gene="ORF10"

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OP209732.1?from=29712&to=29752) 29712..29752

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

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