**Severe acute respiratory syndrome coronavirus 2 isolate SARS-CoV-2/human/BHR/R1222690028093\_S242\_L001/2022, complete genome**

GenBank: OM843550.1

[FASTA](https://www.ncbi.nlm.nih.gov/nuccore/OM843550.1?report=fasta) [Graphics](https://www.ncbi.nlm.nih.gov/nuccore/OM843550.1?report=graph)

[Go to:](https://www.ncbi.nlm.nih.gov/nuccore/OM843550.1" \l "goto2200120274_0)

LOCUS OM843550 29847 bp RNA linear VRL 27-FEB-2022

DEFINITION Severe acute respiratory syndrome coronavirus 2 isolate

SARS-CoV-2/human/BHR/R1222690028093\_S242\_L001/2022, complete

genome.

ACCESSION OM843550

VERSION OM843550.1

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 29847)

AUTHORS Alwasti,H., Altaif,Z., Marhoon,A., AlHujairi,Z., AlTooq,M.,

Khamees,F., AlAnsari,W., AlAbbas,Z. and Almoamen,G.

TITLE Direct Submission

JOURNAL Submitted (27-FEB-2022) Communicable Disease Laboratory, Public

Health Directorate, 1124, Manama 12, Bahrain

COMMENT ##Assembly-Data-START##

Assembly Method :: ABIOMIX v. 1.0

Sequencing Technology :: Illumina

##Assembly-Data-END##

FEATURES Location/Qualifiers

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QEFRYMNSQGLLPPKNSIDAFKLNIKLLGVGGKPCIKVATVQSKMSDVKCTSVVLLSV

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stem-loop 1"

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OM843550.1?from=13476&to=13530) 13476..13530

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/note="Coronavirus frameshifting stimulation element

stem-loop 2"

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/gene="S"

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/product="ORF3a protein"

/protein\_id="[ULV17982.1](https://www.ncbi.nlm.nih.gov/protein/2200120278)"

/translation="MDLFMRIFTIGTVTLKQGEIKDATPSDFVRATATIPIQASLPFG

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NSVTSSIVITSGDGTTSPISEHDYQIGGYTEKWESGVKDCVVLHSYFTSDYYQLYSTQ

LSTDIGVEHVTFFIYNKIVDEPEEHVQIHTIDGSSGVVNPVMEPIYDEPTTTTSVPL"

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/product="envelope protein"

/protein\_id="[ULV17983.1](https://www.ncbi.nlm.nih.gov/protein/2200120279)"

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LLVQ"

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/codon\_start=1

/product="ORF7a protein"

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PFHPLADNKFALTCFSTQFAFACPDGVKHVYQLRARSVSPKLFIRQEEVQELYSPIFL

IVAAIVFITLCFTLKRKTE"

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[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OM843550.1?from=27735&to=27866) 27735..27866

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/gene="ORF8"

[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OM843550.1?from=27873&to=28238) 27873..28238

/gene="ORF8"

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/product="ORF8 protein"

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SFYEDFLEYHDVRVVLDFI"

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/gene="N"

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[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OM843550.1?from=29528&to=29644) 29528..29644

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/translation="MGYINVFAFPFTIYSLLLCRMNSRNYIAQVDVVNFNLT"

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OM843550.1?from=29599&to=29627) 29599..29627

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OM843550.1?from=29698&to=29712) 29698..29712

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

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