**Severe acute respiratory syndrome coronavirus 2 isolate SARS-CoV-2/human/BHR/22120022464\_S78\_L001/2022 ORF1ab polyprotein (ORF1ab), ORF1a polyprotein (ORF1ab), surface glycoprotein (S), ORF3a protein (ORF3a), envelope protein (E), membrane glycoprotein (M), OR...**

GenBank: OM283362.1

[FASTA](https://www.ncbi.nlm.nih.gov/nuccore/OM283362.1?report=fasta) [Graphics](https://www.ncbi.nlm.nih.gov/nuccore/OM283362.1?report=graph)

[Go to:](https://www.ncbi.nlm.nih.gov/nuccore/OM283362.1" \l "goto2179490862_0)

LOCUS OM283362 29783 bp RNA linear VRL 18-JAN-2022

DEFINITION Severe acute respiratory syndrome coronavirus 2 isolate

SARS-CoV-2/human/BHR/22120022464\_S78\_L001/2022 ORF1ab polyprotein

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

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

(M), ORF6 protein (ORF6), and ORF7a protein (ORF7a) genes, complete

cds; ORF7b (ORF7b) and ORF8 protein (ORF8) genes, partial cds; and

nucleocapsid phosphoprotein (N) and ORF10 protein (ORF10) genes,

complete cds.

ACCESSION OM283362

VERSION OM283362.1

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 29783)

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 (18-JAN-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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/product="leader protein"

[mat\_peptide](https://www.ncbi.nlm.nih.gov/protein/UIZ69729.1?from=181&to=818) 776..2689

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stem-loop 1"

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OM283362.1?from=13449&to=13503) 13449..13503

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/note="Coronavirus frameshifting stimulation element

stem-loop 2"

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[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OM283362.1?from=25345&to=26172) 25345..26172

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/product="ORF3a protein"

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LLVQ"

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/estimated\_length=106

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/product="ORF8 protein"

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/translation="SCTQHQPYVVDDPCPIHFYSKWYIRVGARKSAPLIELCVDEAGS

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/gene="N"

[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OM283362.1?from=28226&to=29476) 28226..29476

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GTTLPKGFYAEGSRGGSQASSRSSSRSRNSSRNSTPGSSKRTSPARMAGNGGDAALAL

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[gene](https://www.ncbi.nlm.nih.gov/nuccore/OM283362.1?from=29501&to=29617) 29501..29617

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[CDS](https://www.ncbi.nlm.nih.gov/nuccore/OM283362.1?from=29501&to=29617) 29501..29617

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/gene="ORF10"

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OM283362.1?from=29572&to=29600) 29572..29600

/gene="ORF10"

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

[stem\_loop](https://www.ncbi.nlm.nih.gov/nuccore/OM283362.1?from=29671&to=29685) 29671..29685

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

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