

Nucleotide

Nucleotide

Search

Advanced

Help



COVID-19 is an emerging, rapidly evolving situation.

Public health information (CDC) | Research information (NIH)
SARS-CoV-2 data (NCBI) | Prevention and treatment information (HHS)



GenBank

Send to

Change region shown

Customize view

Analyze this sequence

Run BLAST

Pick Primers

Highlight Sequence Features

Find in this Sequence

NCBI Virus

Retrieve, view, and download SARS-CoV-2 coronavirus genomic and protein sequences.

Recent activity

Turn Off Clear

Severe acute respiratory syndrome coronavirus 2 2019- Nucleotide

See more ..

Severe acute respiratory syndrome coronavirus 2 2019-nCoV/Japan/AI/I-004/2020 RNA, complete genome

GenBank: LC521925.1

Record removed. This record was removed at the submitter's request. Please contact ddbjupdt@ddbj.nig.ac.jp for further details.

FASTA Graphics

Go to

LOCUS LC521925 29848 bp RNA linear VRL 13-FEB-2020
DEFINITION Severe acute respiratory syndrome coronavirus 2
2019-nCoV/Japan/AI/I-004/2020 RNA, complete genome.
ACCESSION LC521925
VERSION LC521925.1
KEYWORDS .
SOURCE Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)
ORGANISM Severe acute respiratory syndrome coronavirus 2
Viruses; Riboviria; Nidovirales; Coronavirineae; Coronaviridae;
Orthocoronavirinae; Betacoronavirus; Sarbecovirus.
REFERENCE 1
AUTHORS Sekizuka,T., Matsuyama,S., Shirato,K., Nao,N., Itokawa,K.,
Hashino,M., Tanaka,R., Yatsu,K., Suzuki,T., Suzuki,M., Hasegawa,H.,
Wakita,T., Takeda,M. and Kuroda,M.
TITLE Complete genome sequence of Wuhan seafood market pneumonia virus
2019-nCoV/Japan/AI/I-004/2020 isolated from a patient in Japan
JOURNAL Unpublished
REFERENCE 2 (bases 1 to 29848)
AUTHORS Sekizuka,T., Matsuyama,S., Shirato,K., Nao,N., Itokawa,K.,
Hashino,M., Tanaka,R., Yatsu,K., Suzuki,T., Suzuki,M., Hasegawa,H.,
Wakita,T., Takeda,M. and Kuroda,M.
TITLE Direct Submission
JOURNAL Submitted (03-FEB-2020) Contact:Tsuyoshi Sekizuka National
Institute of Infectious Diseases, Pathogen Genomics Center; 1-23-1
Toyama, Shinjuku-ku, Tokyo 162-8640, Japan
COMMENT ##Assembly-Data-START##
Assembly Method :: A5-miseq v. 20140604
Sequencing Technology :: NextSeq500
##Assembly-Data-END##
FEATURES
source Location/Qualifiers
1..29848
/organism="Severe acute respiratory syndrome coronavirus
2"
/mol\_type="genomic RNA"
/strain="2019-nCoV/Japan/AI/I-004/2020"
/host="Homo sapiens"
/db\_xref="taxon:2697049"
/lab\_host="Chlorocebus sp. VeroE6/TMPRSS2 cell line"
/country="Japan"
/collection\_date="2020-01"
5' UTR 1..262
gene 263..21528
/gene="orf1ab"
CDS join(263..13441,13441..21528)
/gene="orf1ab"
/ribosomal\_slippage
/notes="deletion of 8 amino acids (G32 - L39) in NSP-1;
p1ab; translated by -1 ribosomal frameshift"
/codon\_start=1
/product="orf1ab polyprotein"
/protein\_id="BBW89516.1"
/translation="MESLVPGFNEKTHVQLSLPVLQVRDVLVRFSEARQHLKDGTCG
LVEVEKGVLPQLEQPPYVFIKRS DARTAPGHVMVLAELGIIQYGRSGETLGLVLPVH
VGEIPVAYRKVLLRKNKNGKAGGHSYGADLKSFDLGDDELGTDPYEDFQENWNTKHS
VRELHRELNGGAYTRYVDNINFCGPDGYPLECIKDLLARAGKASCTLSEQLDFIDTKR
GVYCCREHEHEIAWYTERSEKSYELQTPFEIKLAKKFDTFNGECPNFVPLNSIIKTI
QPRVEKKKLDGFMGRIRSVYPVSPNECNQCLSTLMKCDHCGETSWQTGDFVKATCE
FCGTENLTKEGATTCGYLPQNAVVKIYCPACHNSEVGPENSLAEYHNSGLKTI LRKG
GRTIAFGKCVFSSVVGCHNKCAWVPRASANIGCNHTGVVGGSEGLNDNLLLEILOKEK
VNINIVGDFKLNELIILASFSASTSAFVETVKGLDYKAFKQIVESCQNFVKTGKA
KKGAWNIGEQKSI LSPYAFASEAARVRSIFSRTLETAQNSVVRVLQKAAITILDGIS