

Isolate detail

Isolate name: A/duck/East_Java/Av771/2016
 Isolate ID: EPI_ISL_307224
 Type: A / H3
 Passage details/history: E1
 Lineage:

Sample information

Collection date: 2016-02-16
 Location: Indonesia / East Java
 Host: Anas sp.
 Additional location information: Sidoarjo
 Additional host information:
 Health status: Sick
 Domestic status: Domestic
 Specimen source: Cloacal swab
 Vaccinated: N
 Strain or commercial product name used for vaccination:

Institute information

Originating lab: Institute of Tropical Disease, Universitas Airlangga
 Address: Institute of Tropical Disease, Universitas Airlangga Mulyorejo Surabaya, Indonesia
 Sample ID given by the sample provider: Av771
 Submitting lab: Kobe University Graduate School of Medicine
 Address: Kobe University Graduate School of Medicine Center for Infectious Diseases 7-5-2 Kusunoki-cho, Chuo-ku, Hyogo Prefecture Kobe 650-0017 Japan
 Sample ID given by the submitting laboratory: Av771
 Authors: ED,Poetranto; AY,Candra; RR,Prasetya; AM,Nastri; JR,Dewantari; AL,Poetranto; L,Wulandari; G,Soegiarto; YK,Shimizu; Y,Mori; K,Shimizu

In vivo antiviral resistance - Unspecified

Adamantanes: Unknown
 Oseltamivir: Unknown
 Zanamivir: Unknown
 Peramivir: Unknown

Other: Unknown

In vivo antiviral resistance - Genotype: Unknown

In vivo antiviral resistance - Phenotype: Unknown

Antigenic
characterisation:

Note:

Sequence

segment	identifier	length	accession #	INSDC
HA	A/duck/East_Java/Av771/2016	1728	EPI1216608	

Submitter information

Submitter: Shimizu, Kazufumi

Submission Date: 2018-04-20

Last modifier: Shimizu, Kazufumi

Last modified: 2018-12-07

Address: Kobe University Graduate School of Medicine Center for Infectious
Diseases 7-5-2 Kusunoki-cho, Chuo-ku, Hyogo Prefecture Kobe
650-0017 Japan



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Analysis

Segment	Type	Lineage	Identifier	Length	Accession #
HA	A / H3		A/duck/East_Java/Av7 71/2016	1728	EPI1216 608

```

0001 aagcagggga tactttcaat aatcatgaag accgttattg
catttagcta catttctctat ctggcttcag gtcagagcct
0081 tccagaggat ggcaacagta cagcaacact gtgcttggga
catcatgcag ttgcaaatgg aacaatgggtg aagacaataa
0161 cagatgacca aattgaggtg actaatgcta ctgaattagt
ccagagctct tcgatgggga aatatgcaa caacccccat
0241 aaaatcctag atggcagggga ttgcacgcta atagatgccc
tgttgggaga tcctcattgt gatgtcttcc aagatgaaac
0321 atgggacctc tttgtggagc gaagcagtgc ttttagcaat
tgttatcctt atgatgtccc agattatgca tccttctcgt
0401 cactggttgc atcatcagga acattggaat tcataactga
agtttctact tggacaggtg tgactcaaaa tggagggagc
0481 ggtgcctgca aaagaggacc tgccaatggt ttctttagta
gattgaattg gtaacccaaa tcaggaagca catatccaat
0561 actgaacgtg accatgccga acaacgcaa ttttgacaaa
ctgtacatct ggggggtcca tcacccaagc acaaaccaag
0641 aacagactag tctatatggt caatcatcag gaagagtcac
agtttccacc agaagaagcc aacagactat aattccgaac
0721 attggatcta gaccttgggt aagaggtcaa tctggggagga
taagcatcta ctggacaata gtcaaaccgg gagacgtatt
0801 agtaattaat agtaatggga atctaattgc tcctaggggc
tatttcaaga tgcgaactgg gaaaagctca ataattgaggt

```



Blast HA



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HA to...**



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0881 cagatgcagc tattgacacc tgcatttcgg aatgcatcac
cccaaatgga agcataccta atgacaaacc ctttcagaat
0961 ataaacaaga taacatatgg agcatgcccc aaatatgtga
agcaaagcac cctgaagtta gcaacaggaa tgcgaaatat
1041 accagagaaa caaaccagag gtctgtttgg tgcaatagca
ggctttatag aaaatggatg ggaaggaatg gtagatggct
1121 ggtatggatt cagacatcaa aactcagaag gtacagggca
agcggcagat ctcaaaagca ctcaagcagc cattgatcag
1201 ataaatggga aactaaacag ggtaattgaa aaaacaaatg
aaaaattcca ccaaatgaa aaagaattct ctgaggtaga
1281 ggggaggatt caagatcttg agaaatatgt tgaagacaca
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1361 ccttagagaa ccagcataca attgatttga ccgattcaga
aatgaacaaa ttgtttgaaa agaccaggag acaactaagg
1441 gagaatgctg aagatatggg taatggttgt ttcaagatat
accacaagtg caacaatgcc tgcatagaat caattagaaa
1521 cgggacttat gaccatgaca tatacagaga tgaggcattg
aacaatcggg ttcatgatcaa aggtgttgaa ctaaagtctg
1601 ggtacaaaaga ctggattttg tggatttcct tgccatatac
atgctttttg ctttgtgttg ttctgctggg attcatcatg
1681 tgggcctgcc agagaggcaa tatcaggtgc aacatttgca
tttgagtt

gene HA complete CDS

0001 MKTVIAFSYI LYLASGQSLP EDGNSTATLC LGHHAVANGT
MVKTITDDQI EVTNATELVQ SSSMGKICNN PHKILDGRDC
0081 TLIDALLGDP HCDVFQDETW DLFVERSSAF SNCYPYDVPD
YASLRSLVAS SGTLEFITEG FTWTGVTQNG GSGACKRGPA
0161 NGFFSRLNWL TKSGSTYPIL NVTMPNNDNF DKLYIWGVHH
PSTNQEQTSL YVQSSGRVTV STRRSQQTII PNIGSRPWVR
0241 GQSGRISIWY TIVKPGDVLV INSNGLIAP RGYFKMRTGK
SSIMRSDAAI DTCISECITP NGSIPNDKPF QNINKITYGA
0321 CPKYVKQSTL KLATGMRNIP EKQTRGLFGA IAGFIENGWE
GMVDGWYGFH HONSEGTVQA ADLKSTQAAI DQINGKLNVR
0401 IEKTNEKFHQ IEKEFSEVEG RIQDLEKYVE DTKIDLWSYN
AELLIALENQ HTIDLTDSEM NKLFEKTRRQ LRENAEDMGN
0481 GCFKIYHKCN NACIESIRNG TYDHDYRDE ALNNRFQIKG
VELKSGYKDW ILWISFAISC FLLCVLLGF IMWACQRGNI
0561 RCNICI



Blast gen
e HA



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