

Isolate detail

Isolate name: A/duck/East_Java/Av694/2016
 Isolate ID: EPI_ISL_307223
 Type: A / H3
 Passage details/history: E1
 Lineage:

Sample information

Collection date: 2016-01-16
 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: Av694
 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: Av694
 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/Av694/2016	1729	EPI1216607	

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/Av6 94/2016	1729	EPI1216 607

```

0001 gcaggggata ctttcaactaa tcatgaagat cgtcattgca
tttagctaca ttctccatct ggctttaagt cagagctcc
0081 caggggatgg caacaatgca gcaacactgt gctctgggaca
tcatgcagtg gcgaatggga caatggtaaa gacaataaca
0161 gatgaccaa ttgaggtgac caatgctact gaactagtcc
aaagctcttc gactgggaaa atatgcaaca atcctcaca
0241 aatcctagat ggcagggatt gcacgcta atagtcacct
ttgggagatc ctcattgtga tgtctttcag gatgaaacat
0321 gggacctttt ttagagagcga agcagtgcct ttagcaattg
ttatccttac gatattccag atcacgcac ccttcggtea
0401 ctggtcgcac catcaggaac attggagttt ataaccgaag
gcttcacttg gacaggtgtg actcaaaatg gagggagcgg
0481 tgctgcaaa agaggacctg ctaacggctt ctttagtagg
ttgaattggt taaccaaatc aggaagccaa taccaatat
0561 tgaacgtgac catgcccgaat aatgacaatt tgacaatt
gtacatctgg ggggtccacc atccgagcac aatcaagaa
0641 cagaccagtc tatatgttca atcttcagga agagtcacag
tctccaccag aagaagccaa cagactataa tcccgaacat
0721 tggatctaga ccttgggtga ggggtcaatc tggaagaata
agcatctatt ggacaatagt caaacctgga gacatattga
0801 taatcaacag taatggaaat ctaattgcc ctaggggcta
tttcaagatg cgcactggga aaagctcaat aatgagatca

```



Blast HA



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HA to...**



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0881 gatgcaccta ttgacacctg catctcggaa tgcacaccc
caaatggaag tataccaaat gataaacctt ttcaaaatat
0961 aaacaagata acatatggg cgtgccccaa atatgtaaaa
caaaacaccc tgaagttggc aacgggaatg cggaatgtac
1041 cggagaaaaca aaccagaggt ctctttggtg caatagcagg
cttcatagaa aatggatggg aaggaatggt agacggctgg
1121 tatggattca gacatcaaaa ttcagaaggt gcaggacaag
cggcggatct caaaagtact caagcagcca tcgatcagat
1201 aatgggaaa ctgaacagag tgattgaaaa acaaatgaa
aaatttcacc agattgaaaa agaattctcc gaggtagagg
1281 ggaggattca agaccttgag aatatggtg aagacacaaa
aatagacctc tggctttaca atgcggaact ccttgttgcc
1361 ttagagaatc agcatacgat tgatttgacc gattcagaaa
tgaacaaatt gtttgaaaaa accaggagac aactgagaga
1441 gaatgctgaa gacatgggta atggttgttt caagatatat
cacaagtgtg acaatgcctg catagaatca attagaaatg
1521 ggacttatga tcatgacata tatagagatg aggcattgaa
caatcggttc cagatcaaag gtggtgaact gaagtctgga
1601 taaaaagact ggatattgtg gatttccttt gccatatcat
gctttttgct ttgtgtggtt ctactgggct tcatcatgtg
1681 ggctgccag agaggcaaca tcaggtgcaa tatttgatt
tgagtatgt

gene HA complete CDS

0001 MKIVIAFSYI LHLALSQSLP GDGNNATLC LGHHAVANGT
MVKTITDDQI EVTNATELVQ SSSTGKICNN PHKILDGRDC
0081 TLIDALLGDP HCDVFQDETW DLFVERSSAF SNCYPYDIPD
HASLRSLVAS SGTLEFITEG FTWTGVTQNG GSGACKRGPA
0161 NGFFSRLNWL TKSGSQYPIL NVTMPNNDNF DKLYIWGVHH
PSTNQEQTSL YVQSSGRVTV STRRSQQTII PNIGSRPWVR
0241 GQSGRISIYW TIVKPGDILI INSNGLIAP RGYFKMRTGK
SSIMRSDAPI DTCISECITP NGSIPNDKPF QNINKITYGA
0321 CPKYVKQNTL KLATGMRNVP EKQTRGLFGA IAGFIENGWE
GMVDGWYGFH HQNSEGAGQA ADLKSTQAAI DQINGKLNVR
0401 IEKTNEKFHQ IEKEFSEVEG RIQDLEKYVE DTKIDLWSYN
AELLVALENQ HTIDLTDSEM NKLFEKTRRQ LRENAEDMGN
0481 GCFKIYHKCD NACIESIRNG TYDHDIYRDE ALNNRFQIKG
VELKSGYKDW ILWISFAISC FLLCVLLGF IMWACQRGNI
0561 RCNICI



Blast gen
e HA



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