

Isolate detail

Isolate name: A/duck/East_Java/Av995/2016
 Isolate ID: EPI_ISL_307225
 Type: A / H3
 Passage details/history: E1
 Lineage:

Sample information

Collection date: 2016-12-26
 Location: Indonesia / East Java
 Host: Anas sp.
 Additional location information:
 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: Av995
 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: Av995
 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/Av995/2016	1728	EPI1216609	

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
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650-0017 Japan



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Segment	Type	Lineage	Identifier	Length	Accession #
HA	A / H3		A/duck/East_Java/Av9/95/2016	1728	EPI1216609

```

0001 gcaggggata ctttcaataa tcatgaagac cgttattgca
tttagctaca ttctctatct ggctttaggt cagggctcc
0081 cagaaagtgg caatagtaca gcaacactgt gctggggca
tcatgcagtt gcaaatggaa caatggtaaa gacaataaca
0161 gatgaccaa ttgaggtgac caatgctact gaactagtcc
agagctcttc gatggggaaa atatgcaaca accctcataa
0241 aatcctagac ggcagggatt gcacgctgat agatgccta
ttgggagatc ctcattgtga tgtctttcaa gatgaaacat
0321 gggacctctt tgttgagcga agcagtgctt ttagcaattg
ttatccttac gatgtcccag attatgcatc ccttcgctcg
0401 ctggttgcac catcaggaac attggaattc ataaccgaag
gtttcacttg gacaggtgtg actcaaaatg gagggagcag
0481 tgctgcaaa agaggacctg ccaacggttt ctttagtaga
ttaaattggt tgaccaaact aggaagtaca tatccaatac
0561 tgaacgtgac catgcccgaac aatgacaatt tgacaaact
ttacatctgg ggggtccatc atccaagcac aaaccaagaa
0641 cagaccagtc tatatgttca accatcagga agagtacag
tttccaccag aagaagccaa cagactataa tcccgaacat
0721 tggatctaga ctttgggtaa gaggccaatc tgggaggata
agcatctatt ggacaatagt caaacccgga gacatattgg
0801 taattaatag taatgggaat ctaattgcc ctaggggcta
tttcaaaatg cgaactggga aaagctcggg aatgagatca

```

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0881 gacgcaacta ttgacacctg catttcggaa tgcacaccc
caaatggaag catacctaata gacaaaccct ttcagaatat
0961 aaacaagata acatatggag catgcccata atagtgaag
caaagcacc tgaaattagc aacagggatg cgaaatatac
1041 cagagaaaca aaccagaggt ctgtttggtg caatagcag
ctttatagaa aatggatggg aaggaatgat agacggctgg
1121 tatggattca ggcacataaaa ctcagaaggt acagggcaag
cagcagatct caaaagcact caagcagcca ttgatcagat
1201 aatgggaaa ctaaacagag tgattgaaaa acaaatgaa
aaattccacc aaattgaaaa agaattctct gaagtagagg
1281 ggaggattca agatcttgag aaatacgttg aagacacaaa
aatagatctc tggctctaca atgcggaact tcttggtgcc
1361 ttagagaacc agcatacaat tgatttaacc gattcagaaa
tgaacaaatt gtttgaaaag accaggagac aactaagggg
1441 gaatgccgaa gatatgggta atgggtggtt caagatatat
cacaagtgca acaatgcctg catagaatca attagaaatg
1521 ggacttatga ccatgatgta tacagagatg aagcattgaa
caatcggttt cagatcaaaag gtgttgaact aaagtctggg
1601 tacaagact gcatattgtg gatttccttt gccatatcat
gctttttgct ttgtgttgtt ctgctgggat tcatcatgtg
1681 ggcctgccag agaggcaata tcaggtgcaa catttgcat
tgagtatg

gene HA complete CDS

0001 MKTVIAFSYI LYLALGQGLP ESGNSTATLC LGHHAVANGT
MVKTITDDQI EVTNATELVQ SSSMGKICNN PHKILDGRDC
0081 TLIDALLGDP HCDVFQDETW DLFVERSSAF SNCYPYDVPD
YASLRSLVAS SGTLEFITEG FTWTGVTQNG GSSACKRGPA
0161 NGFFSRLNWL TKS GSTYPIL NVTMPNNDNF DKLYIWGVHH
PSTNQEQTSL YVQPSGRVTV STRRSQQTII PNIGSRPWVR
0241 GQSGRISIYW TIVKPGDILV INSNGLIAP RGYFKMRTGK
SSVMRSDATI DTCISECITP NGSIPNDKPF QNINKITYGA
0321 CPKYVKQSTL KLATGMRNIP EKQTRGLFGA IAGFIENGWE
GMIDGWYGFH QNSEGTGQA ADLKSTQAAI DQINGKLNVR
0401 IEKTNEKFHQ IEKEFSEVEG RIQDLEKYVE DTKIDLWSYN
AELLVALENQ HTIDLTDSEM NKLFEKTRRQ LRENAEDMGN
0481 GCFKIYHKCN NACIESIRNG TYDHDVYRDE ALNNRFQIKG
VELKSGYKDW ILWISFAISC FLLCVLLGF IMWACQRGNI
0561 RCNICI



Blast gene HA



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