

Isolate detail

Isolate name: A/chicken/East_Java/Av240/2014
 Isolate ID: EPI_ISL_307019
 Type: A / H5N1
 Passage details/history: E1
 Lineage:

Sample information

Collection date: 2014-02-01
 Location: Indonesia / East Java
 Host: Gallus gallus domesticus
 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: Av240
 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: Av240
 Authors: AM,Nastri; AL,Poetranto; ED,Poetranto; SPA,Wahyuningsih; W,Darmanto; EF,Puruhito; 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/chicken/East_Java/Av240/2014	1779	EPI1215584	

Submitter information

Submitter: Shimizu, Kazufumi

Submission Date: 2018-04-18

Last modifier: Shimizu, Kazufumi

Last modified: 2019-07-18

Address: Kobe University Graduate School of Medicine Center for Infectious
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650-0017 Japan



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Analysis

Segment	Type	Lineage	Identifier	Length	Accession #
HA	A / H5		A/chicken/East_Java/Av 240/2014	1779	EPI1215 584

```

0001  agcgaagca ggggttcaat ctgtaagaat ggaggaaata
atacttcttc tttcaatagt cagtcttgta aaaagcgatc
0081  agatgtgcat tggttaccat gcaacaatt caacagaaca
ggttgacaca atcatggaaa agaagtgtac agttacacat
0161  gcccaagaca tactggaaag gacacacaac gggagctct
gcgatctaga tggagtgaag cctctaattt taaaagattg
0241  cagtgtagct ggatggctcc tcgggaacc aatgtgtgac
gaatttatca atgtcccaga atggtcttac atagtggaga
0321  aggccaatcc gactaacgat ctctgttacc caggagttt
caacgactat gaagaactga aacacctatt aagcagaata
0401  aaccatttcg agaaaattca gatcatccct aaaagttctt
ggtccgatca tgaagcatca tcaggagtga gctcagcatg
0481  cctatatctg ggaagtccct ctttttttag aatgtggta
tggcttatca aaaagaacag tacgtacca acaataaaga
0561  aaacctaaa taataccaac caagaagatc ttttgatac
gtggggaatt caccatccta ataatgaagc agagcagaca
0641  atgctatadc aaaacccaac cacctatatt tccattggga
catcaacact aaaccagaga ctggtacca aatagctac
0721  tagatccaaa gtgaacggac aaagtgggag gatggagttc
ttctggacaa ttttaaaacc aatgatgca attaacttcg
0801  agagtaatgg aaatttcatt gctccagaat atgcgtacaa
aattgtcaag aaaggggatt cagcaattat gaaaagtga

```



Blast HA



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HA to...**



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0881 ttggaatatg gtaactgtaa caccaagtgt caaactccaa
tgggagcgat aaactctagt atgccattcc acaacataca
0961 ccctctcacc atcggggaat gccccaaata tgtgaaatca
aacagattag tcctagcgcag agggctcaga aatagccctc
1041 aaagggaaaag cagaaggaaa aagagaggtc tatttgagc
tatagcaggt tttatagagg gaggatggca gggaatggta
1121 gatggttggat atgggtacca ccacagcaat gaacagggaa
gtggatacgc tgcagacaaa gaatctactc aaaaggcaat
1201 agatggagtc accaataaag tcaactcaat tattgacaaa
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1281 acttagaaaag gagaatagag aatttaaaca agaagatgga
agacggggtt ctcgatggtt ggacttataa tgccgaactt
1361 ctggttctca tggaaaatga gagaactcta gactttcatg
actcaaagt taagaacctc tatgacaagg ttcggctaca
1441 gctcagggat aatgctaagg agctaggttaa cggttgtttc
gagttctatc acaaatgcga taatgaatgt atggaaagta
1521 taaggaacgg aacatacaac tatccgcagt attcagaaga
agcaagatta aaaagagagg aaataagtgg agtaaaattg
1601 gaatcaatag gaacttacca aatactgtca atttattcaa
ccgtggcgag tccctagca ctggcaatca tgatagctgg
1681 tatatcttta tggatgtgct ctaatggatc attacaatgc
agaatttgca tttaaattta tgagttcaga ttgtagttaa
1761 aaacaccctt gtttcaact

gene HA complete CDS

0001 MEEIILLLSI VSLVKSQIC IGYHANNSTE QVDTIMEKNV
TVTHAQDILE RTHNGKLCDL DGVKPLILKD CSVAGWLLGN
0081 PMCDEFINVP EWSYIVEKAN PTNDLCYPGS FNDYEELKHL
LSRINHFEKI QIIPKSSWSD HEASSGVSSA CLYLGSPSFF
0161 RNVVWLIKKN STYPTIKKTY NNTNQEDLLI LWGIHHPNNE
AEQTMLYQNP TTYISIGTST LNQRLVPKIA TRSKVNGQSG
0241 RMEFFWTILK PNDAINFESN GNFIPEYAY KIVKKGDSAI
MKSELEYGNC NTKCQTPMGA INSSMPFHNI HPLTIGECPK
0321 YVKS NRLVLA TGLRNSPQRE SRRKKRGLFG AIAGFIEGGW
QGMVDGWYGY HHSNEQGSY AADKESTQKA IDGVTNKVNS
0401 IIDKMNTQFE AVGREFNLE RRIENLNKKM EDGFLDVWTY
NAELLVLMEN ERTLDFHDSN VKNLYDKVRL QLRD NAKELG
0481 NGCFEFYHKC DNECMESIRN GTYNYPQYSE EARLKREEIS
GVKLESIGTY QILSIYSTVA SSLALAIMIA GISLWMCNSG
0561 SLQCRICI



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HA



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