

Isolate detail

Isolate name: A/chicken/East_Java/Av260/2014
 Isolate ID: EPI_ISL_307024
 Type: A / H5
 Passage details/history: E1
 Lineage:

Sample information

Collection date: 2014-02-09
 Location: Indonesia / East Java
 Host: Gallus gallus domesticus
 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: Av260
 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: Av260
 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/Av260/2014	1776	EPI1215589	

Submitter information

Submitter: Shimizu, Kazufumi

Submission Date: 2018-04-18

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 / H5		A/chicken/East_Java/Av 260/2014	1776	EPI1215 589

```

0001  agcgaagca tgggttcaact ctgtcaaaat ggagaagata
attcttctat ttgcaacaat cagccttgtc aaaagcgatc
0081  atatgtgcat aggttatcat gcaataact cgacagagca
ggttgacaca ataatggaaa agaacgttac tgttacacat
0161  gcccaagaca tactggaaa gacacacaac gggagctct
gcgatctaaa tggagtgaag cctctgattt taaaggattg
0241  tagtgtagca ggatggctcc ttggaaatcc attgtgtgac
gaattcacca atgtgccaga atggtcttac atagtagaga
0321  aggccaatcc agccaatgac ctctgttacc caggaaattt
caacgattat gaagaattga aacacctatt gagtaggata
0401  aaccattttg agaaaataca gatcatcccc aaagattctt
ggtcagatca tgaagcctca ttgggggtga ggcgagcatg
0481  ttcataaccag ggaaattcct cttcttcag aaatgtggtg
tggcttatca aaaaggacaa tgcatatcca acaataaaga
0561  aaagctacaa taacaccaac cgagaagatc tcttgatact
gtgggggatc caccatccta atgacgaggc agagcagaca
0641  aggctctatc aaaacccaac tacctatatt tccattggga
cttcaacact aaaccagaga ttggtaccaa aaatagccac
0721  tagatccaaa ataaacgggc aaagtggcag gatagatttc
ttttggacaa ttttaaaacc gaatgacaca atccacttcg
0801  agagtaatgg aaatttcatt gctccagaat atgcatacaa
aattgtcaag aaaggagact ccacaatcat gagaagtga

```



Blast HA



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HA to...**



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0881 gtggaatatg gtaactgcaa caccaggtgt cagactccaa
taggggocgat aaactctagt atgccattcc acaacataca
0961 ccctctcacc atcggagaat gtcccaaata tgtgaagtca
aacaaaattag tccttgcaac tgggctcaga aatagtcctc
1041 aaagagagag aagaagaaaa agaggactgt ttggagctat
agcaggTTTT atagaggggag gatggcaggg aatggtagat
1121 ggttggtatg ggtaccacca cagcaatgaa caggggagtg
gttacgctgc agacaaaagaa tctactcaaa aagcgataga
1201 cggagtcacc aataaggtca attcgatcat tgacaaaatg
aacactcagt ttgaggctgt aggaagggag ttaataaact
1281 tagagaggag aatagaaaat ttaacaaga agatggaaga
cggattccta gatgtctgga cttataatgc tgaacttctg
1361 gttctcatgg agaatgagag aactctagac ttccatgact
caaatgtcaa gaacctttac gataaggtcc gactacagct
1441 taaggataat gcaaaagagc tgggaaacgg ttgttttgag
ttctatcaca aatgtaataa tgaatgtatg gaaagtgtaa
1521 gaaacgggac gtatgactac cgcagattt cagaagaagc
aagattaaaa agagaggaaa taagtggagt aaaactggaa
1601 tcaatagga tctaccaaact actgtcaatt tattcaacag
tggcaagttc cctagtgtc gcaatcatga tggctggtct
1681 atcttttatgg atgtgttcca acgggtcgtt acagtgcaga
atctgcattt gagtttgtga attcagattg tagttaaaaa
1761 cacccttgtt tctact

gene HA complete CDS

0001 MEKIILLFAT ISLVKSDHIC IGYHANNSTE QVDTIMEKNV
TVTHAQDILE KTHNGKLCDL NGVKPLILKD CSVAGWLLGN
0081 PLCDEFTNVP EWSYIVEKAN PANDLCYPGN FNDYEELKHL
LSRINHFEKI QIIPKDSWSD HEASLGVSAA CSYQGNSSFF
0161 RNVVWLIKGD NAYPTIKKSY NNTNREDLLI LWGIHHPNDE
AEQTRLYQNP TTYISIGTST LNQLVPKIA TRSKINGQSG
0241 RIDFFWTILK PNDTIHFESN GNFIPEYAY KIVKKGDSI
MRSEVEYGNC NTRCQTPIGA INSSMPFHNI HPLTIGECPK
0321 YVKSINKLVL TGLRNSPQRE RRRKRGLFGA IAGFIEGGWQ
GMVDGWYGYH HSNEQSGGYA ADKESTQKAI DGVTNKVNSI
0401 IDKMNTQFEA VGREFNLER RIENLNKKME DGFLDVWTYN
AELLVLMENE RTLDFHDSNV KNLYDKVRLQ LKDNAKELGN
0481 GCFEFYHKCN NECMESVRNG TYDYPQYSEE ARLKREEISG
VKLESIGIYQ ILSIYSTVAS SLVLAIMMAG LSLWMCSNGS
0561 LQCRICI



Blast gene
HA



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