

Isolate detail

Isolate name: A/chicken/East_Java/Av78/2013
 Isolate ID: EPI_ISL_306997
 Type: A / H5
 Passage details/history: E1
 Lineage:

Sample information

Collection date: 2013-06-27
 Location: Indonesia / East Java
 Host: Gallus gallus domesticus
 Additional location information: Mojokerto
 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: Av78
 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: Av78
 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/Av78/2013	1776	EPI1215559	

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
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650-0017 Japan



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Segment	Type	Lineage	Identifier	Length	Accession #
HA	A / H5		A/chicken/East_Java/A v78/2013	1776	EPI121559

```

0001 agcgaaagca ggggttcaact ctgtcaaaat ggagaagata
attcttctat ttgcaacaat cagccttgtc aaaagcgatc
0081 atatttgcat aggttatcat gcaacaact cgacagagca
ggttgacaca ataatggaaa agaacgttac tgttacacat
0161 gcccaagaca tactggaaaa gacacacaac gggagctct
gcgatctaaa tggagtgaag cctctgattt taaaagattg
0241 tagtgtagcg ggatggctcc tcggaaatcc attgtgtgac
gaattcacca atgtgccaga atggtcttac atagtagaga
0321 aggccaatcc agccaatgac ctctgttacc caggaaattt
caacgattat gaagaattga aacacctatt gagcaggata
0401 aaccattttg agaaaatata gatcatcccc aaagattctt
ggtcagatca tgaagcctca ttgggggtga ggcgagcatg
0481 ttcataccag ggaaattcct ccttcttcag aaatgtggtg
tggcttatca aaaaggacaa tgcatatcca acaataaaga
0561 aaagctacaa taacaccaac cgagaagatc tcttgatact
gtgggggatc caccatccta atgatgaggc agagcagaca
0641 aagctctatc aaaacccaac tacctatatt tccattggga
cttcaacact aaatcagaga ttggtaccaa aaatagccac
0721 tagatccaaa ataaacgggc aaagtggcag gatagatttc
ttctggacaa ttttaaaacc gaatgacgca atccacttcg
0801 agagtaatgg aaatttcatt gctccagaat atgcatacaa
aattgtcaag aaaggagact ccacaatcat gagaagtga

```

- Blast HA**
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0881 gtggaatatg gtaattgcaa caccaggtgt cagactccaa
taggggocgat aaactctagt atgccattcc acaacataca
0961 ccctctcacc atcggagaat gtcccaaata tgtgaaatca
aacaaaattag tccttgcaac tgggctcaga aatagtcctc
1041 aaagagagag aagaagaaaa agaggactgt ttggagctat
agcaggTTTT atagaggggag gatggcaggg aatggtagat
1121 ggttggtatg gataccacca cagcaatgaa caggggagtg
gttacgctgc agacaaaagaa tctactcaaa aggcgataga
1201 cggagtcacc aataaggtca attcgatcat tgacaaaatg
aacactcagt ttgaggctgt aggaagggag ttaataaact
1281 tagagaggag aatagaaaat taaacaaga agatggaaga
cggattccta gatgtctgga cttataatgc tgaacttctg
1361 gttctcatgg agaatgagag aactctagac ttccatgact
caaatgtcaa gaacctttac gataaggtcc gactacagct
1441 taaagataat gcaaaaagagc tgggaaacgg ttgttttgag
ttctatcacg aatgtaataa tgaatgtatg gaaagtgtaa
1521 gaaacgggac gtatgactac cgcagattt cagaagaagc
aagattaaaa agagaggaaa taagtggagt aaaactggaa
1601 tcaataggaa tctaccaaatt attgtcaatt tattcaacag
tgtcgagttc cctagtgtc gcaatcatga tggctggtct
1681 atcttttatgg atgtgttcca acgggtcgtt acagtgcaga
atctgcattt aagtttgtga 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
AEQTKLYQNP TTYISIGTST LNQRLVPKIA TRSKINGQSG
0241 RIDFFWTILK PNDAIHFESN 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 GCFEFYHECN NECMESVRNG TYDYPQYSEE ARLKREEISG
VKLESIGIYQ ILSIYSTVSS SLVLAIMMAG LSLWMCSNGS
0561 LQCRICI



Blast gen
e HA



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