

Isolate detail

Isolate name: A/duck/East_Java/Av243/2014
 Isolate ID: EPI_ISL_307021
 Type: A / H5
 Passage details/history: E2
 Lineage:

Sample information

Collection date: 2014-02-01
 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: Av243
 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: Av243
 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/duck/East_Java/Av243/2014	1776	EPI1215586	

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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Segment	Type	Lineage	Identifier	Length	Accession #
HA	A / H5		A/duck/East_Java/Av2 43/2014	1776	EPI1215 586

```

0001  agcgaagca ggggttcaact ctgtcaaaat ggagaagata
attcttctat ttgcaacaat cagccttgtc aaaagcgatc
0081  atatgtgcat aggttatcat gcaataact cgacagagca
ggttgacaca ataatggaaa agaacgttac tgttacacat
0161  gcacaagaca tactggaaa gacacacaac gggagctct
gcgatctaaa tggagtgaag cctctgattt taaaggattg
0241  tagtgtagcg 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  ttcataccag ggaaattcct ccttctcag aaatgtggtg
tggcttatca aaaagggcaa tgcatatcca acaataaaga
0561  aaagctacaa taacaccaac cgagaagatc tattgatact
gtggggaatc caccatccta atgatgaggc agagcagaca
0641  aggctctatc aaaacccatc tacctatatt tccattggga
cttcaacact aaaccagaga ttggtaccaa aaatagccac
0721  taggtccaaa ataaacgggc aaagtggcag gatagatttc
ttttggacaa ttttaaaacc gtatgacgca atccacttcg
0801  agagtaatgg aaatttcatt gctccagaat atgcatacaa
aattgtcaag aaaggagact ccacaatcat gagaagtga

```

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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 cagcaatgag caggggagtg
gttacgcagc agacaaaagaa tctactcaaa aggcgataga
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 taaagataat gcaaaaagagc tgggaaacgg ttgttttgag
ttctatcaca aatgtaataa tgaatgtatg gaaagtgtaa
1521 gaaacgggac gtatgactac cgcagattt cagaagaagc
aagattaaaa agagaggaaa taagtggagt aaaactggaa
1601 tcaataggaa tctaccaaact actgtcaatt tattcaacag
tggcgagttc cctagtgtc gcaatcatga tggctggtc
1681 atcttttatgg atgtgttcca acgggtcgtt acagtgcaga
atctgcattt aagtttgtga attcagattg tagttaaaaa
1761 cacccttgtt tcaact

gene HA complete CDS

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



Blast gen
e HA



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