

Isolate detail

Isolate name: A/duck/East_Java/Av63/2013
 Isolate ID: EPI_ISL_306966
 Type: A / H5
 Passage details/history: E1
 Lineage:

Sample information

Collection date: 2013-06-27
 Location: Indonesia / East Java
 Host: Anas sp.
 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: Av63
 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: Av63
 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/Av63/2013	1694	EPI1215554	

Submitter information

Submitter: Shimizu, Kazufumi

Submission Date: 2018-04-17

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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Analysis

Segment	Type	Lineage	Identifier	Length	Accession #
HA	A / H5		A/Duck/East_Java/Av 63/2013	1694	EPI1215 554

```

0001 agcgaaagca ggggttcaact ctgtcaaaat ggagaagata
attcttctat ttgcaacaat cagccttgtc aaaagcgatc
0081 atatgtgcat aggttatcat gcaataact cgacagaaca
ggttgacaca ataatggaaa agaacgttac tgttacacat
0161 gcccaagaca tactggaaa gacacacaac ggaagctct
gcgatctaaa tggagtgaag cctctgattt taaaagattg
0241 tagtgtagcg ggatggctcc ttggaaatcc attgtgtgac
gaattcacca atgtgccaga atggtcttac atagtagaga
0321 aggccaatcc agccaatgac ctctgttacc caagaaattt
caacgattat gaagaattga aacacctatt gagcaggata
0401 aaccattttg agaaaattca gatcatcccc aaagattctt
ggccagatca tgaagcctca ttgggggtga ggcgagcatg
0481 ttcataccag ggaaattcct ccttcttcag aaatgtggtg
tggcttctca aaaaggacaa tgcatatcca acaataaaga
0561 aaaactacaa taacaccaac cgagaagatc tcttgatact
gtggggaatc caccatccta atgatgaggc agagcagaca
0641 aggctctatc aaaacccaac tacctatatt tccattggga
cttcaacact aaaccagaga ttggtaccaa aatagccac
0721 tagatccaaa ataaacgggc aacgtggcag gatagatttc
ttctggacaa ttttaaaacc gaatgacgca atccacttcg
0801 agagtaatgg aaatttcatt gctccagaat atgcatacaa
aattgtcaag aaaggagact ccacaatcat gagaagtga

```



Blast HA



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HA to...



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0881 gtgaaatatg gtaactgcaa caccaggtgt cagactccaa
taggggocgat aaactctagt atgccattcc acaacataca
0961 ccctctcacc atcggagaat gtcccaaata tgtgaaatca
aacaaaattag tccttgcaac tgggctcaga aatagtcctc
1041 aaagagagag aagaagaaaa agaggactgt ttggagctat
agcaggtttt atagagggag gatggcaggg aatggtagat
1121 ggttggtatg ggtaccacca cagcaatgaa caggggagtg
gttacgctgc agacaaagaa tctactcaa aggcgataga
1201 cggagtcacc aataaggta 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 ccgcagtatt cagaagaagc
aagattaaaa agagaggaaa taagtggagt aaaactggaa
1601 tcaataggaa tctaccaaact actgtcaatt tattcaacag
tggcgagttc cctagtgtg gcaatcatga tggctggctc
1681 atccttatgg atgt

gene HA incomplete CDS

0001 MEKIILLFAT ISLVKSDHIC IGYHANNSTE QVDTIMEKNV
TVTHAQDILE KTHNGKLCDL NGVKPLILKD CSVAGWLLGN
0081 PLCDEFTNVP EWSYIVEKAN PANDLCYPRN FNDYEELKHL
LSRINHFEKI QIIPKDSWPD HEASLGVSAA CSYQGNSSFF
0161 RNVVWLLKKD NAYPTIKKNY NNTNREDLLI LWGIHHPNDE
AEQTRLYQNP TTYISIGTST LNQLRVPKIA TRSKINGQRG
0241 RIDFFWTILK PNDAIHFESN GNFIAPYAY KIVKKGDSTI
MRSEVKYGNC NTRCQTPIGA INSSMPFHNI HPLTIGCEPK
0321 YVKSNNKLVLA TGLRNSPQRE RRRKRGLFGA IAGFIEGGWQ
GMVDGWYGYH HSNEQGSGYA ADKESTQKAI DGVTNKVNSI
0401 IDKMNTQFEA VGREFNLER RIENLNKKME DGFLDVWTYN
AELLVLMENE RTLDFHDSNV KNLYDKVRLQ LKDNAKELGN
0481 GCFEFYHKCN NECMESVRNG TYDYPQYSEE ARLKREEISG
VKLESIGIYQ ILSIYSTVAS SILVLAIMMAG LSLWM



Blast gene HA



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