

Isolate detail

Isolate name: A/duck/East_Java/Av69/2013
 Isolate ID: EPI_ISL_306996
 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: Av69
 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: Av69
 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/A69/2013	1795	EPI1215558	

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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Analysis

Segment	Type	Lineage	Identifier	Length	Accession #
HA	A / H5		A/duck/East_Java/A6 9/2013	1795	EPI1215 558

```

0001 tagcgaaaagc aggggttcac tctgtcaaaa tggagaagat
aattcttcta tttgcaacaa tcagccttgt caaaagcgat
0081 catatttgca taggttatca tgcaaataac tcgacagagc
aggttgacac aataatggaa aagaacgta ctgttacaca
0161 tgccaagac atactggaaa agacacacaa cgggaagctc
tgcgatctaa atggagttaa gctctgatt taaaagatt
0241 gtagtgtagc gggatggctc ctggaaatc cattgtgtga
cgaattcacc aatgtgccag aatggtctta catagtagag
0321 aaggccaatc cagccaatga cctctgttac ccaggaaatt
tcaacgatta tgaagaattg aaacacctat tgagtaggat
0401 aaaccatttt gagaaaatac agatcatccc caagattct
tggccagatc atgaagcctc attgggggtg agcgcagcat
0481 gttcatacca gggaaattcc tccttcttca gaaatgtggt
gtggcttatc aaaaaggaca atgcatatcc acaataaag
0561 aaaagctaca ataacaccaa cggagaagat ctcttgatac
tgtggggaat ccaccatcct aatgatgagg cagagcagac
0641 aaggctctat caaaacccaa ctacctatat ttccattggg
acttcaacac taaaccagag attggtacca aaaatagcca
0721 ctagatccaa aataaacggg caacgtggca ggatagatt
cttctggaca attttaaaac cgaatgacgc aatccacttc
0801 gagagtaatg gaaatttcat tgctccagaa tatgcataca
aaattgtcaa gaaaggagac tccacaatca tgagaagtga

```



Blast HA



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HA to...



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0881 agtggaaat ggttaactgca acaccaggtg tcagactcca
ataggggocga taaactctag tatgccattc cacaacatac
0961 accctctcac catcggagaa tgtcccaa atgtgaaatc
aaacaaatta gtccttgcaa ctgggctcag aaatagtcct
1041 caaagagaga gaagaagaaa aagaggactg tttggagcta
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1121 tggttggtat ggggtaccacc acagcaatga acaggggagt
ggttacgctg cagacaaaaga atctactcaa aaggcgatag
1201 acggagtcac caataaggtc aattcgatca ttgacaaaat
gaactcag tttgaggctg taggaaggga gtttaataac
1281 ttagagagga gaatagaaaa tttaacaag aagatggaag
acggattcct agatgtctgg acttataatg ctgaacttct
1361 ggttctcatg gagaatgaga gaactctaga cttccatgac
tcaaagtca agaaccttta cgataaggtc cgactacagc
1441 ttaaggataa tgcaaaagag ctgggaaacg gttgttttga
gttctatcac aaatgtaata atgaatgtat ggaaagtga
1521 agaaacggga cgtatgacta cccgcagtat tcagaagaag
caagattaaa aagagaggaa ataagtggag taaaactgga
1601 atcaataga atctaccaa tactgtcaat ttattcaaca
gtggcgagtt ccctagtgtt ggcaatcatg atggctggc
1681 tacccttatg gatgtgttcc aacgggtcgt tacagtgcag
aatttgcatt taagtttgtg aattcagatt gtagttaaaa
1761 acacccttgt ttctactcct atagtgagtc gtatt

gene HA complete CDS

0001 MEKIILLFAT ISLVKSDHIC IGYHANNSTE QVDTIMEKNV
TVTHAQDILE KTHNGKLCDL NGVKPLILKD CSVAGWLLGN
0081 PLCDEFTNVP EWSYIVEKAN PANDLCYPGN FNDYEELKHL
LSRINHFEKI QIIPKDSWPD HEASLGVSAA CSYQGNSSFF
0161 RNVVWLIKGD NAYPTIKKSY NNTNREDLLI LWGIHHPNDE
AEQTRLYQNP TTYISIGTST LNQLRVPKIA TRSKINGQRG
0241 RIDFFWTILK PNDAIHFESN GNFIAPYAY KIVKKGDSI
MRSEVEYGNC NTRCQTPIGA INSSMPFHNI HPLTIGECPK
0321 YVKSNNKLVLA 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 gene HA



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