

**Isolate detail**

Isolate name: A/duck/East\_Java/Av39/2013  
 Isolate ID: EPI\_ISL\_307026  
 Type: A / H3N6  
 Passage details/history: E1  
 Lineage:

**Sample information**

Collection date: 2013-06-26  
 Location: Indonesia / East Java  
 Host: Anas sp.  
 Additional location information: Jombang  
 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: Av39  
 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: Av39  
 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
PB2	A/duck/East_Java/Av39/2013	2341	EPI1215592	
PB1	A/duck/East_Java/Av39/2013	2337	EPI1215593	
PA	A/duck/East_Java/Av39/2013	2233	EPI1215594	
HA	A/duck/East_Java/Av39/2013	1732	EPI1215591	
NP	A/duck/East_Java/Av39/2013	1556	EPI1215595	
NA	A/duck/East_Java/Av39/2013	1470	EPI1215596	
MP	A/duck/East_Java/Av39/2013	1027	EPI1215597	
NS	A/duck/East_Java/Av39/2013	890	EPI1215598	

### Submitter information

Submitter: Shimizu, Kazufumi

Submission Date: 2018-04-18

Last modifier: Shimizu, Kazufumi

Last modified: 2018-04-20

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 / H3		<b>A/duck/East_Java/Av39/2013</b>	<b>1732</b>	<b>EPI1215591</b>

```

0001 agcaaaagca ggggatactt tcattaatca tgaagatcgt
cattgcattt agcttcattt tctgcctggt ttaggtcag
0081 agccttccaa aagatgacaa cagtacagca aactgtgcc
tgggacatca tgcggttgca aacgggacaa tggtaaagac
0161 aataacagat gaccaaattg aagtaactaa tgccactgaa
ctagtccgaa gctcttcaac agggaagata tgcaacaatc
0241 cccacaaaat ccttgatggc agggattgca cgctaataga
tgctctgctg ggtgatcccc attgtgatgt tttcaagat
0321 gaaacatggg atctttttgt ggagcgaagc aatgccttca
gcaattgta cccttatgat gttccagatt atgcatecct
0401 tcgctcacta gtcgcatcat caggaacatt ggaattcatc
actgaagggt tcacttggac aggtgtgact caaatggag
0481 gaagtgggtc ctgcaaaaaga gggcctgcca acggtttctt
tagtaggttg aattggttaa ccaaatcagg aagcacatac
0561 ccaatattga acgtgaccat gccaaacaat gacaattttg
acaaactgta catctggggg gtccaccatc cgagcacaaa
0641 tcaagaacag accaatttgt atgttcaatc atcaggaaga
gtaacagtct ccaccagaag aagccaacag actataatcc
0721 cgaacattgg gtctagacct tgggtaagag gtcaatctgg
cagaataagc atctattgga caatagtcaa acctgggggac
0801 gtattagtaa tcaatagcaa tggaaatcta atcgctccta
ggggctatth caagatcgc actgggaaaa gctcaataat

```



**Blast HA**



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HA to...**



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0881 gagatcagat gcaaccattg acacttgcat ctcggaatgc  
atcactccaa atggaagtat acctaattgac aagccctttc  
0961 aaaatgtaaa caagataaca tacggagcat gccccaata  
tgtaaaacaa aacaccctga agttggcaac aggaatgcg  
1041 aatgtaccag agaaacaaac cagaggcctg ttggtgcaa  
tagcaggctt tatagaaaat ggatgggagg gaatgataga  
1121 tggctggtat ggattcagac atcaaaactc agaaggtaca  
ggacaagcgg cagatctcaa aagcactcaa gcagccattg  
1201 atcagataaa tgggaaattg aacagagtaa ttgaaagaac  
aatgaaaaa ttccaccaga ttgaaaaaga attctccgaa  
1281 gtagaaggaa gaattcaaga cctggagaaa tatggtgaag  
acacaaaaat agacctctgg tcttacaatg cagaactcct  
1361 tgttgcttta gaaaatcagc acacaatcga tttgaccgat  
tcagaaatga ataaattggt tgaaaagacc agaagacaac  
1441 tgagagagaa tgctgaagac atgggcaatg gttgtttcaa  
aatataccat aagtgtgata atgcttgcat agaatcaatt  
1521 agaaacggga cttatgatca tgacatatac agagatgagg  
ctttgaacaa cagatttcag atcaaagggtg ttgaattaa  
1601 gtctggatac aaagactgga tattgtggat ttcctttgcc  
atatcatgct ttttgctttg cgttggtctg ctgggcttca  
1681 ttatgtgggc ctgccagaga ggcaacatca ggtgcaatat  
ttgcatttga gt

## gene HA complete CDS

0001 MKIVIAFSFI FCLVLGQSLP KDDNSTATLC LGHHAVANGT  
MVKTITDDQI EVTNATELVR SSSTGKICNN PHKILDGRDC  
0081 TLIDALLGDP HCDVFQDETW DLFVERSNAF SNCYPYDVPD  
YASLRSLVAS SGTLEFITEG FTWTGVTQNG GSGACKRGPA  
0161 NGFFSRLNWL TKSSTYPIL NVTMPNNDNF DKLYIWGVHH  
PSTNQEQTNL YVQSSGRVTV STRRSQQTII PNIGSRPWVR  
0241 GQSGRISIYW TIVKPGDVLV INSNGLIAP RGYFKIRTGK  
SSIMRSDATI DTCISECITP NGSIPNDKPF QNVNKITYGA  
0321 CPKYVKQNTL KLATGMRNVP EKQTRGLFGA IAGFIENGWE  
GMIDGWYGFH QNSEGTGQA ADLKSTQAAI DQINGKLNVR  
0401 IERTNEKFHQ IEKEFSEVEG RIQDLEKYVE DTKIDLWSYN  
AELLVALENQ HTIDLTDSEM NKLFEKTRRQ LRENAEDMGN  
0481 GCFKIYHKCD NACIESIRNG TYDHDIYRDE ALNNRFQIKG  
VELKSGYKDW ILWISFAISC FLLCVLLGF IMWACQRGNI  
0561 RCNICI



Blast gene HA



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