

Isolate detail

Isolate name: A/muscovy_duck/East_Java/Av98/2013
 Isolate ID: EPI_ISL_306998
 Type: A / H5
 Passage details/history: E1
 Lineage:

Sample information

Collection date: 2013-07-25
 Location: Indonesia / East Java
 Host: Cairina moschata
 Additional location information: Kediri
 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: Av98
 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: Av98
 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/muscovy_duck/East_Java/Av98/2013	1694	EPI1215560	

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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Analysis

Segm ent	Ty pe	Linea ge	Identifier	Len gth	Accessi on #
HA	A / H5		A/muscovy_duck/East_Java/Av98/2013	1694	EPI1215560

```

0001  gcgaaagcag gggttcactc tgtcaaaatg gagaagataa
ttcttctatt tgcaacaatc agccttgtca aaagcgatca
0081  tatttgcata ggttatcatg caaataactc gacagagcag
gttgacacaa taatggaaaa gaacgttact gttacacatg
0161  cccaagacat actggaaaag acacacaacg ggaagctctg
cgatctaaat ggagtgaagc ctctgatttt aaaagattgt
0241  agtgtagcag gatggctcct cggaaatcca ttgtgtgacg
aattcaccaa tgtgccagaa tggctttaca tagtagagaa
0321  ggccaatcca gccaatgacc tctgttacc aggaaatttc
aacgattatg aaaaattgaa acacctattg agcaggataa
0401  accatittga gaaaatacag atcatcccca aagattcttg
gtcagatcat gaagcctcat tgggggtgag ggcagcatgt
0481  tcataccagg gaaattcctc cttcttcaga aatgtggtgt
ggcttatcaa aaaggacaat gcatatccaa caataaagaa
0561  aagctacaat aacaccaacc gagaagatct cttgatactg
tgggggatcc accatcctaa tgatgaggca gagcagacaa
0641  ggctctatca aaatccaact acctatattt ccattgggac
ttcaacacta aaccagagat tggtagccaaa aatagccact
0721  agatccaaaa taaacgggca aagtggcagg atagatttct
tctggacaat tttaaaaccg aatgacgcaa tccacttoga
0801  gagtaatgga aatttcattg ctccagaata tgcatacaaa
attgtcaaga aaggagactc cacaatcatg agaagtgaag

```



Blast
HA



Copy
HA to...



To
clipboard...

0881 tggaaatg taactgcaac accaggtg agactccaat
aggggcgata aactctagta tgccattcca caacatacac
0961 cctctcacca tcggagaatg tcccaaatat gtgaaatcaa
acaaattagt ccttgcaact gggctcagaa atagccctca
1041 aagagagaga agaagaaaaa ggggactggt tggagctata
gcaggtttta tagagggagg atggcagggga atggtagatg
1121 gttggtatgg ataccaccac agcaatgaac aggggagtg
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1281 agagaggaga atagaaaatt taaacaagaa gatggaagac
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1361 ttctcatgga gaatgagaga actctagact tccatgactc
aaatgtcaag aacctttacg ataagggtccg actacagctt
1441 aaggataatg caaaagagct gggaaacggt tgttttgagt
tctatcacia atgtaataat gaatgtatgg aagtgtaag
1521 aaacgggacg tatgactacc cgcagtattc agaagaagca
agattaaaaa gagaggaaaat aagtgagta aactggaat
1601 caataggaat ctaccaaata ctgtcaattt attcaacagt
ggcgagttcc ctagtctgg caatcatgat ggctgggtcta
1681 tccttatgga tgtg

gene HA incomplete CDS

0001 MEKIILLFAT ISLVKSDHIC IGYHANNSTE QVDTIMEKNV
TVTHAQDILE KTHNGKLCDL NGVKPLILKD CSVAGWLLGN
0081 PLCDEFTNVP EWSYIVEKAN PANDLCYPGN FNDYEKLKHL
LSRINHFEKI QIIPKDSWSD HEASLGVSAA CSYQGNSSFF
0161 RNVVWLIKGD NAYPTIKKSY NNTNREDLLI LWGIHHPNDE
AEQTRLYQNP TTYISIGTST LNQLVPKIA TRSKINGQSG
0241 RIDFFWTILK PNDAIHFESN GNFIAPYAY KIVKKGSTI
MRSEVEYGNC NTRCQTPIGA INSSMPFHNI HPLTIGCEPK
0321 YVKSINKLVL TGLRNSPQRE RRRKRGLFGA IAGFIEGGWQ
GMVDGWYGYH HSNEQGSYGA 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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