

Isolate detail

Isolate name: A/duck/East_Java/Av65/2013
 Isolate ID: EPI_ISL_306994
 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: Av65
 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: Av65
 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/Av65/2013	1793	EPI1215556	

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

Segment	Type	Lineage	Identifier	Length	Accession #
HA	A / H5		A/duck/East_Java/Av 65/2013	1793	EPI1215 556

```

0001  gcgaaagcag gggttcactc tgtcaaaatg gagaagataa
ttcttctatt tgcaacaatc agccttgtca aaagcgatca
0081  tatttgcata ggttatcatg caaataactc gacagaacag
gttgacacaa taatggaaaa gaacgttact gttacacatg
0161  cccaagacat actggaaaag acacacaacg ggaagctctg
cgatctaaat ggagtgaagc ctctgatttt aaaagattgt
0241  agtgtagcgg gatggctcct tggaaatcca ttgtgtgacg
aattcaccaa tgtgccagaa tggctttaca tagtagagaa
0321  ggccaatcca gccaatgacc tctgttacc aggaaatttc
aacgattatg aagaattgaa acacctattg agtaggataa
0401  accatittga gaaaatacag atcatcccca aagattcttg
gccagatcat gaagcctcat tgggggtgag cgcagcatgt
0481  tcataccagg gaaattcctc cttcttcaga aatgtggtgt
ggcttctcaa aaaggacaat gcatatccaa caataaagaa
0561  aaactacaat aacaccaacc gagaagatct cttgatactg
tggggaatcc accatcctaa tgatgaggca gagcagacaa
0641  ggctctatca aaaccaact acctatattt ccattgggac
ttcaacacta aaccagagat tggtagcaaa aatagccact
0721  agatccaaaa taaacgggca acgtggcagg atagatttct
tctggacaat tttaaaaccg aatgacgcaa tccacttcga
0801  gagtaatgga aatttcattg ctccagaata tgcatacaaa
attgtcaaga aaggagactc cacaatcatg agaagtgaag

```



Blast HA



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HA to...



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0881 tgaaatatgg taactgcaac accaggtgtc agactccaat
aggggocgata aactctagta tgccattcca caacatacac
0961 cctctcacca tcggagaaatg tcccaaatat gtgaaatcaa
acaaattagt ccttgcaact gggctcagaa atagtcctca
1041 aagagagaga agaagaaaaa gaggactggt tggagctata
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1121 gttggtatgg gtaccaccac agcaatgaac aggggagtgg
ttacgctgca gacaaagaat ctactcaaag ggcgatagac
1201 ggagtcacca ataaggtcaa ttcgatcatt gacaaaatga
acactcagtt tgaggctgta ggaagggagt ttaataactt
1281 agagaggaga atagaaaatt taaacaagaa gatggaagac
ggattcctag atgtctggac ttataatgct gaacttctgg
1361 ttctcatgga gaatgagaga actctagact tccatgactc
aaatgtcaag aacctttacg ataaggtccg actacagctt
1441 aaggataatg caaaagagct gggaaacggt tgttttgagt
tctatcacia atgtaataat gaatgtatgg aaagtgtgaa
1521 aaacgggacg tatgactacc cgcagtattc agaagaagca
agattaaaaa gagaggaaaat aagtggagta aaactggaat
1601 caataggaat ctaccaaata ctgtcaattt attcaacagt
ggcgagttcc ctagtgctgg caatcatgat ggctggtcta
1681 tctttatgga tgtgttccaa cgggtcgtta cagtgcagaa
tttgcattta agtttgtgaa ttcagattgt agttaaaaac
1761 acccttgitt ctactcctat agtgagtcgt att

gene HA complete CDS

0001 MEKIILLFAT ISLVKSDHIC IGYHANNSTE QVDTIMEKNV
TVTHAQDILE KTHNGKLCDL NGVKPLILKD CSVAGWLLGN
0081 PLCDEFTNVP EWSYIVEKAN PANDLCYPGN FNDYEELKHL
LSRINHFEKI QIIPKDSWPD HEASLGVSAA CSYQGNSSFF
0161 RNVVWLLKKD NAYPTIKKNY NNTNREDLLI LWGIHHPNDE
AEQTRLYQNP TTYISIGTST LNQRLVPKIA TRSKINGQRG
0241 RIDFFWTILK PNDAIHFESN GNFIPEYAY KIVKKGDSI
MRSEVKYGNC NTRCQTPIGA INSSMPFHNI HPLTIGECPK
0321 YVKSINKLVLA TGLRNSPQRE RRRKRGLFGA IAGFIEGGWQ
GMVDGWYGYH HSNEQGSYA ADKESTQRAI DGVTNKVNSI
0401 IDKMNTQFEA VGREFNNLER RIENLNKKME DGFLDVWTYN
AELLVLMENE RTLDFHDSNV KNLYDKVRLQ LKDNAKELGN
0481 GCFEFYHKCN NECMESVRNG TYDYPQYSEE ARLKREEISG
VKLESIGIYQ ILSIYSTVAS SLVLAIMMAG LSLWMCSNGS
0561 LQCRICI



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e HA



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