

Isolate detail

Isolate name: A/turkey/East_Java/Av154/2013
 Isolate ID: EPI_ISL_307002
 Type: A / H5N1
 Passage details/history: E1
 Lineage:

Sample information

Collection date: 2013-09-11
 Location: Indonesia / East Java
 Host: Turkey
 Additional location information: Surabaya
 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: Av154
 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: Av154
 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/turkey/East_Java/Av154/2013	1773	EPI1215564	

Submitter information

Submitter: Shimizu, Kazufumi

Submission Date: 2018-04-18

Last modifier: Shimizu, Kazufumi

Last modified: 2019-07-18

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/turkey/East_Java/Av154/2013	1773	EPI1215564

```

0001  agcgaagca ggggttcaact ctgtcaaaat ggagaagata
gttcttctct ttgcaacaat cagccttgtt aaaagcgatc
0081  atatgtgcat aggttatcat gcaataact cgacagagca
ggttgacaca ataatggaaa agaacttac tgttacacat
0161  gcccaagaca tactggaaa aacacacaac ggaagctct
gcgatctaaa tggagtgaag cctctgattt taaaagattg
0241  tagtgtagca ggatggctcc tcggaaatcc attgtgtgac
gaattcacca atgtgccaga atggtcttac atagtagaga
0321  aggccaatcc agccaatgac ctctgttacc caggaaattt
caacgattat gaagaattaa aacacctatt gagcaggata
0401  aaccattttg agaaaatata gatcatcccc aaagattctt
ggtcagatca tgaagcctca ttgggggtga ggcgagcatg
0481  ttcataccag ggaaattcct ccttcttcag aaatgtggtg
tggcttatca aaaaggacaa tgcatatcca acaataaaga
0561  aaggctacaa taataccaac cgagaagatc tcttgatact
gtgggggatc caccatccta atgatgaggc agagcagaca
0641  aggctctatc aaaacccaac tacctatatt tccattggga
cttcaacact aaaccagaga ttggtaccaa aaatagccac
0721  tagatccaaa ataaacgggc aaagtggcag 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 gtggaatatg gtaactgcaa caccaagtgt cagactccaa
taggggocgat aaactctagt atgccattcc acaacataca
0961 ccctctcacc atcggagaat gtcccaaata tgtgaaatca
aacaaaattag tccttgcaac tggactcaga aatagtcctc
1041 aaagagagag aagaagaaaa agaggactgt ttggagctat
agcaggTTTT atagaggggag gatggcaggg aatggtagat
1121 ggttggtatg ggtaccacca cagcaatgaa caggggagtg
gttacgctgc agacaaaagaa tctactcaaa aggcgataga
1201 cggagtcacc aataaggtca attcgataat tgacaaaatg
aacactcagt ttgaggctgt aggaagggag ttaataaact
1281 tagagaggag aatagaaaat ttaaacaaga 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 cgcagattt cagaagaagc
aagattaaaa agagaggaaa taaatggagt aaaactggaa
1601 tcaatagga tctaccaaact actgtcaatt tattcaacag
tggcgagttc cctagtgtc gcaatcatga tggctggtc
1681 attcttatgg atgtgttcca acgggtcgtt acagtgcaga
atttgcattt aagtttgtga attcagattg tagttaaaaa
1761 cacccttgtt tct

gene HA complete CDS

0001 MEKIVLLFAT ISLVKSDHIC IGYHANNSTE QVDTIMEKNV
TVTHAQDILE KTHNGKLCDL NGVKPLILKD CSVAGWLLGN
0081 PLCDEFTNVP EWSYIVEKAN PANDLCYPGN FNDYEELKHL
LSRINHFEKI QIIPKDSWSD HEASLGVSAA CSYQGNSSFF
0161 RNVVWLIKGD NAYPTIKKGY NNTNREDLLI LWGIHHPNDE
AEQTRLYQNP TTYISIGTST LNQRLVPKIA TRSKINGQSG
0241 RIDFFWTILK PNDAIHFESN GNFIAPEYAY KIVKKGDSI
MRSEVEYGNC NTKCQTPIGA INSSMPFHNI HPLTIGECPK
0321 YVKSINKLVL TGLRNSPQRE RRRKRGLFGA IAGFIEGGWQ
GMVDGWYGYH HSNEQGSYGA ADKESTQKAI DGVTNKVNSI
0401 IDKMNTQFEA VGREFNLER RIENLNKKME DGFLDVWTYN
AELLVLMENE RTLDFHDSNV KNLYDKVRLQ LKDNAKELGN
0481 GCFEFYHKCN NECMESVRNG TYDYPQYSEE ARLKREEING
VKLESIGIYQ ILSIYSTVAS SLVLAIMMAG LFLWMCSNGS
0561 LQCRICI



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e HA



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