

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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


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Segment	Type	Lineage	Identifier	Length	Accession #
PB2	A		A/duck/East_Java/Av 39/2013	2341	EPI1215 592

```

0001 agcgaagca ggtcaaatat attcaatg gagagaataa
aagaactaag agatttgatg tgcgaatctc gcacccgcga
0081 gatactgaca aaaaccaccg tggaccatat gcccataatc
aaaaaataca catcaggag acaggagaaa aatcctgcac
0161 ttagaatgaa atggatgatg gcgatgaaat atccgatcac
agctgacaag aggataatgg aatgatccc tgaaggaa
0241 gaacagggcc aaactcttg gagaaaaca aatgatgctg
gatcagacag agtgatggta tgcctctgg ctgtgacgtg
0321 gtggaacaga aatggaccaa caacaagtac agttcattac
cccaaagtat acaaaacata ctttgaaaaa gttgagaggt
0401 tgaacatgg cacctttggc cctgtccact tccgtaatca
agtcaaaata cgccgaaggg ttgacataaa tctggccat
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aggtggtatt tccaaatgaa gttggggcca gaatactaac
0561 atcagaatca cagtaacaa taacaaagga aaagaaaga
gagcttcaag actgtaaaat cgctccttg atggtagcat
0641 acatgctaga aagagagctg gttcgcaaga ccagatctt
gccagtagct ggaggaacaa gcagcgtgta tatcgaagta
0721 ctacatttga cccaaggac ctgctgggaa caaatgtaca
ctccaggagg ggaagtaagg aatgatgatg ttgaccagag
0801 tttgatcatt gctgctagga acattgttag gagagcaaca
gtatcagcag acccattggc ttcactcttg gaaatgtgcc
    
```

-  **Blast PB2**
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0881 atagcacaca aattggcggg ataagaatgg tggacatcct
tagacaaaaat ccaacagaag agcaagctgt ggacatatgc
0961 aaggcagcga tgggtctaag aatcagctca tctttcagct
ttggaggctt cactttcaaaa cgaacaagtg ggtcatcagt
1041 caaaagagag gaagaagtgc tcacaggcaa cctccaaaca
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1121 tggttggggag aagagcaacg gccattctaa ggaaagcaac
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tatagtggat ttgtgaggac actattccag cagatgcgtg
1841 atgtgttggg gacatttgac actgttcaaa taataaagtt
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1921 caattctctt ctctaactgt taatgtaagg ggatcaggaa
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gcaggcgcac ttacagaaga ccagacgaa gggacagcag
2081 gagtggagtc tgcagtgttg agaggtttc taattttagg
caaagaagac agaagatatg ggccagcatt gagcatcaac
2161 gaattgagca atcttgcaaa gggggagaag gctaattgat
tgatcgggca aggagacgtg gtgttgggtg tgaacggaa
2241 acgggactct agcatactta ctgacagcca gacagcgacc
aaaaggattc ggatggccat caattagtgt cgaattgttt
2321 aaaaacgacc ttgtttctac t

gene PB2 complete CDS

0001 MERIKELRDL MSQSRTREIL TKTTVDHMAI IKKYTSGRQE
KNPALRMKWM MAMKYPITAD KRIMEMIPER NEQGQTLWSK
0081 TNDAGSDRVM VSPLAVTWWN RNGPTTSTVH YPKVYKTYFE
KVERLKHGTF GPVHFRNQVK IRRRVDINPG HADLSAKEAQ
0161 DVIMEVFPN EVGARILTSE SQLTITKEKK EELQDCKIAP
LMVAYMLERE LVRKTRFLPV AGGTSSVYIE VLHLTQGTWC
0241 EQMYTPGGEV RNDDVDQSLI IAARNIVRRA TVSADPLASL
LEMCHSTQIG GIRMVDILRQ NPTEEQAVDI CKAAMGLRIS
0321 SSFSFGGTF KRTSGSSVKR EEEVLTGNLQ TLKIRVHEGY
EEFTMVGRRA TAILRKATRR LIQLIVSGRD EQSIAEAIIV
0401 AMVFSQEDCM IKAVRGDLNF VNRRANQLNP MHQLLRHFQK
DAKVLQFQNWG IETIDNVGMG IGILPDMTPS TEMSLRGVVR
0481 SKMGVDEYSS TERVVNIDR FLRVRDQRGN VLLSPEEVSE
TQGTEKLTIT YSSSMWEIN GPESVLVNTY QWIIRNWETV
0561 KIQWSQDPTM LYNKMEFEPF QSLVPAARG QYSGFVRTLF
QQMRDVLGTF DTVQIIKLLP FAAAPPEQSR MQFSSSLTVNV
0641 RSGMRILVR GNSPVFNYNK ATKRLTILGK DAGALTEPD
EGTAGVESAV LRGFLILGKE DRRYGPALSI NELSNLAKGE



Blast gene
PB2



To
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0721 KANVLIGGD VVLVMKRKRD SSILTDSQTA TKRIRMAIN



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