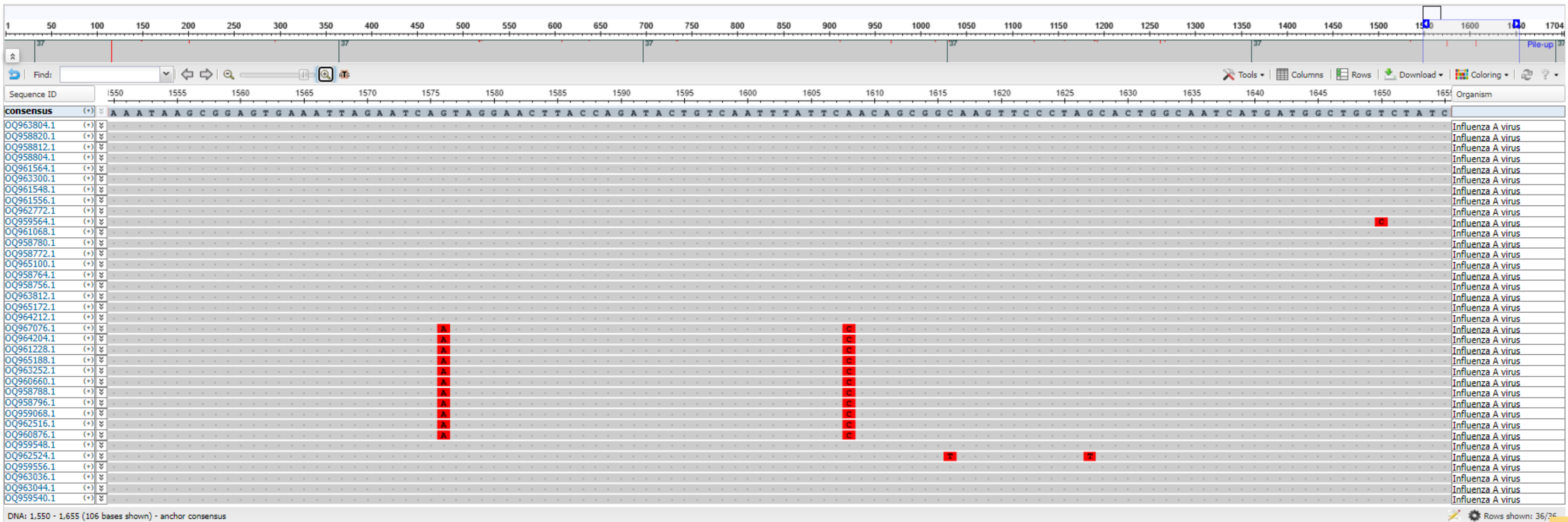


Where do these sequences come from?


Multiple Alignment



Influenza A virus (A/Wood Duck/New York/22-011188-001/2022(H5N1)) segment 4 hemagglutinin (HA) gene, complete cds

GenBank: OQ967076.1

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LOCUS	OQ967076	1704 bp	cRNA	linear	VRL 23-AUG-2023				
DEFINITION	Influenza A virus (A/Wood Duck/New York/22-011188-001/2022(H5N1)) segment 4 hemagglutinin (HA) gene, complete cds.								
ACCESSION	OQ967076								
VERSION	OQ967076.1								
KEYWORDS	.								
SOURCE	Influenza A virus								
ORGANISM	<u>Influenza A virus</u> Viruses; Riboviria; Orthornavirae; Negarnaviricota; Polyploviricotina; Insthoviricetes; Articulavirales; Orthomyxoviridae; Alphainfluenzavirus; Alphainfluenzavirus influenzae.								
REFERENCE	1 (bases 1 to 1704)								
AUTHORS	Youk,S., Torchetti,M.K., Lantz,K., Lench,J.B., Killian,M.L., Leyson,C., Bevins,S.N., Dilione,K., Ip,H.S., Stallknecht,D.E., Poulson,R.L., Suarez,D.L., Swayne,D.E. and Pantin-Jackwood,M.J.								
TITLE	H5N1 highly pathogenic avian influenza clade 2.3.4.4b in wild and domestic birds: Introductions into the United States and reassortments, December 2021-April 2022								
JOURNAL	Virology 587, 109860 (2023)								

Influenza A virus (A/Snow Goose/New York/22-008835-002/2022(H5N1)) segment 4 hemagglutinin (HA) gene, complete cds

GenBank: OQ964204.1

[FASTA](#) [Graphics](#)

[Go to:](#) 

LOCUS	OQ964204	1704 bp	cRNA	linear	VRL 23-AUG-2023
DEFINITION	Influenza A virus (A/Snow Goose/New York/22-008835-002/2022(H5N1)) segment 4 hemagglutinin (HA) gene, complete cds.				
ACCESSION	OQ964204				
VERSION	OQ964204.1				
KEYWORDS	.				
SOURCE	Influenza A virus				
ORGANISM	Influenza A virus				
	Viruses; Riboviria; Orthornavirae; Negarnaviricota;				
	Polyploviricotina; Insthoviricetes; Articulavirales;				
	Orthomyxoviridae; Alphainfluenzavirus; Alphainfluenzavirus				
	influenzae.				
REFERENCE	1 (bases 1 to 1704)				
AUTHORS	Youk,S., Torchetti,M.K., Lantz,K., Lench,J.B., Killian,M.L., Leyson,C., Bevins,S.N., Dilione,K., Ip,H.S., Stallknecht,D.E., Poulson,R.L., Suarez,D.L., Swayne,D.E. and Pantin-Jackwood,M.J.				
TITLE	H5N1 highly pathogenic avian influenza clade 2.3.4.4b in wild and domestic birds: Introductions into the United States and reassortments, December 2021-April 2022				
JOURNAL	Virology 587, 109860 (2023)				

Influenza A virus (A/Backyard bird/New York/22-010200-002/2022(H5N1)) segment 4 hemagglutinin (HA) gene, complete cds

GenBank: OQ958788.1

[FASTA](#) [Graphics](#)


[Go to:](#) 

LOCUS	OQ958788	1704 bp	cRNA	linear	VRL 23-AUG-2023
DEFINITION	Influenza A virus (A/Backyard bird/New York/22-010200-002/2022(H5N1)) segment 4 hemagglutinin (HA) gene, complete cds.				
ACCESSION	OQ958788				
VERSION	OQ958788.1				
KEYWORDS	.				
SOURCE	Influenza A virus				
ORGANISM	Influenza A virus Viruses; Riboviria; Orthornavirae; Negarnaviricota; Polyploviricotina; Insthoviricetes; Articulavirales; Orthomyxoviridae; Alphainfluenzavirus; Alphainfluenzavirus influenzae.				
REFERENCE	1 (bases 1 to 1704)				
AUTHORS	Youk,S., Torchetti,M.K., Lantz,K., Lenoach,J.B., Killian,M.L., Leyson,C., Bevins,S.N., Dilione,K., Ip,H.S., Stallknecht,D.E., Poulson,R.L., Suarez,D.L., Swayne,D.E. and Pantin-Jackwood,M.J.				
TITLE	H5N1 highly pathogenic avian influenza clade 2.3.4.4b in wild and domestic birds: Introductions into the United States and reassortments, December 2021-April 2022				
JOURNAL	Virology 587, 109860 (2023)				
PUBMED	37572517				

Influenza A virus (A/Cooper's Hawk/New York/22-010033-001/2022(H5N1)) segment 4 hemagglutinin (HA) gene, complete cds

GenBank: OQ960876.1

[FASTA](#) [Graphics](#)

[Go to:](#) 

LOCUS	OQ960876	1704 bp	cRNA	linear	VRL 23-AUG-2023				
DEFINITION	Influenza A virus (A/Cooper's Hawk/New York/22-010033-001/2022(H5N1)) segment 4 hemagglutinin (HA) gene, complete cds.								
ACCESSION	OQ960876								
VERSION	OQ960876.1								
KEYWORDS	.								
SOURCE	Influenza A virus								
ORGANISM	<u>Influenza A virus</u> Viruses; Riboviria; Orthornavirae; Negarnaviricota; Polyploviricotina; Insthoviricetes; Articulavirales; Orthomyxoviridae; Alphainfluenzavirus; Alphainfluenzavirus influenzae.								
REFERENCE	1 (bases 1 to 1704)								
AUTHORS	Youk,S., Torchetti,M.K., Lantz,K., Lenocho,J.B., Killian,M.L., Leyson,C., Bevins,S.N., Dilione,K., Ip,H.S., Stallknecht,D.E., Poulson,R.L., Suarez,D.L., Swayne,D.E. and Pantin-Jackwood,M.J.								
TITLE	H5N1 highly pathogenic avian influenza clade 2.3.4.4b in wild and domestic birds: Introductions into the United States and reassortments, December 2021-April 2022								
JOURNAL	Virology 587, 109860 (2023)								