



An Example using Influenza data



National Library of Medicine
National Center for Biotechnology Information

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NCBI Virus
Sequences for discovery

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Search by sequence
Use the NCBI BLAST™ tool to find similar viral nucleotide and protein sequences.



Search by virus
Use virus name or taxid to find viral nucleotide and protein sequences.

Search by virus name or taxonomy
Begin typing a virus name, viral taxonomy group, or taxid to select from a list of suggestions.

influenza A

Influenza A virus, taxid:11320
Influenza A virus with incomplete names, taxid:102797
Influenza A virus (A/equine/Newmarket/1/1993(H3N8)), taxid:568373
Influenza A virus (A/swine/England/453/2006(H1N1)), taxid:1176076
Influenza A virus (H1N1), taxid:1323429
Influenza A virus (A/Wisconsin/67/2005(H3N2)), taxid:393902
Influenza A virus (A/equine/Newmarket/5/2003(H3N8)), taxid:568375
Influenza A virus (A/Brisbane/59/2007(H1N1)), taxid:504904
Influenza A virus (A/Puerto Rico/8/1934(H1N1)), taxid:211044
Influenza A virus (A/canine/Pennsylvania/10915/2007(H3N8)), taxid:653694

Up-to-date SARS-CoV-2

NCBI Visual Data Dashboard

18,675
RefSeq Nucleotides

57,955,655
All Proteins

13,454,325
All Nucleotides

680,673
RefSeq Proteins

3,277,165
Complete Nucleotides

Taxonomy of viruses

Select viral taxa in plot to update data

Host distribution

Select hosts in graph to update data

Reset

Feedback

182

Explore Virus Data

Download ▾

Popular Searches

Influenza virus

Rotavirus

Dengue virus

West Nile virus

Zika virus

MERS coronavirus

Ebolavirus

SARS-CoV-2 coronavirus

Advanced Filters for
GenBank Sequences

Visual Filters for
GenBank Sequences ⓘ

Selected Results: 0

Align

Build Phylogenetic Tree

📘 New! Randomized subsets in Downloads

You now have the option of downloading a smaller, randomized subset of the data shown in the Results table. Begin by using filters to refine your dataset, select the Nucleotide, Protein, or RefSeq Genome tab above the table for the datatype you would like to download, then follow the prompts in the Download menu. Our [Help documentation](#) has more information.

Refine Results [Reset](#)

Virus +

Influenza A virus, taxid:11320 x

Accession +

Sequence Length +

Ambiguous Characters +

Sequence Type +

RefSeq Genome Completeness +

Nucleotide Completeness +

Isolate +

Applied Filters:

Virus (1) x

Expand Table

Nucleotide (1,078,897) Protein (1,451,218) RefSeq Genome (7) Select Columns										
<input type="checkbox"/>	Accession	Organism Name	Submitters	Organization	Release Date	Isolate	Species	Length	Nuc Completeness	Geo Location
<input type="checkbox"/>	NC_026431 <small>RefSeq</small>	Influenza A virus (A/Califo...	Garten,R.J., et al.	National Center for Biotec...	2015-02-23		Alphainfluenzavirus influ...	982	complete	USA: California state
<input type="checkbox"/>	NC_026432 <small>RefSeq</small>	Influenza A virus (A/Califo...	Garten,R.J., et al.	National Center for Biotec...	2015-02-23		Alphainfluenzavirus influ...	863	complete	USA: California state
<input type="checkbox"/>	NC_026433 <small>RefSeq</small>	Influenza A virus (A/Califo...	Garten,R.J., et al.	National Center for Biotec...	2015-02-23		Alphainfluenzavirus influ...	1701	complete	USA: California state
<input type="checkbox"/>	NC_026434 <small>RefSeq</small>	Influenza A virus (A/Califo...	Garten,R.J., et al.	National Center for Biotec...	2015-02-23		Alphainfluenzavirus influ...	1410	complete	USA: California state
<input type="checkbox"/>	NC_026435 <small>RefSeq</small>	Influenza A virus (A/Califo...	Shu,B., et al.	National Center for Biotec...	2015-02-23		Alphainfluenzavirus influ...	2274	complete	USA: California sta
<input type="checkbox"/>	NC_026436 <small>RefSeq</small>	Influenza A virus (A/Califo...	Garten,R.J., et al.	National Center for Biotec...	2015-02-23		Alphainfluenzavirus influ...	1497	complete	USA: California sta
<input type="checkbox"/>	NC_026437 <small>RefSeq</small>	Influenza A virus (A/Califo...	Garten,R.J., et al.	National Center for Biotec...	2015-02-23		Alphainfluenzavirus influ...	2151	complete	USA: California state
183										