



### 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.

### Popular searches

All viruses

Human viruses

Bacteriophages

New sequences (past one month)

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



# An Example using Influenza data

The screenshot displays the NCBI Virus website interface. At the top, the NIH National Library of Medicine logo is visible, along with a 'Log in' button. The NCBI Virus logo and tagline 'Sequences for discovery' are on the left. Navigation links include 'About Us', 'Find Data', 'Help', 'How to Participate', 'Submit Sequences', and 'Contact Us'. Two main search options are highlighted: 'Search by sequence' (using NCBI BLAST) and 'Search by virus' (using virus name or taxid). A search box for 'Search by virus name or taxonomy' is active, showing a dropdown list of influenza virus entries with their taxids. Below the search box, the 'NCBI Visual Data Dashboard' is shown, featuring five statistics: 18,675 RefSeq Nucleotides, 57,955,655 All Proteins, 13,454,325 All Nucleotides, 680,673 RefSeq Proteins, and 3,277,165 Complete Nucleotides. At the bottom, there are sections for 'Taxonomy of viruses' and 'Host distribution', both with instructions to select taxa or hosts to update data. A 'Feedback' button is located in the bottom right corner.

NIH National Library of Medicine  
National Center for Biotechnology Information

Log in

NCBI Virus  
Sequences for discovery

About Us Find Data Help How to Participate Submit Sequences Contact Us

**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