

Resource Summary Report

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HFV Database

RRID:SCR_006017

Type: Tool

Proper Citation

HFV Database (RRID:SCR_006017)

Resource Information

URL: <http://hfv.lanl.gov/content/index>

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Description: The Hemorrhagic Fever Viruses (HFV) sequence database collects and stores sequence data and provides a user-friendly search interface and a large number of sequence analysis tools, following the model of the highly regarded and widely used Los Alamos HIV database. The database uses an algorithm that aligns each sequence to a species-wide reference sequence. The NCBI RefSeq database is used for this; if a reference sequence is not available, a Blast search finds the best candidate. Using this method, sequences in each genus can be retrieved pre-aligned. Hemorrhagic fever viruses (HFVs) are a diverse set of over 80 viral species, found in 10 different genera comprising five different families: arena-, bunya-, flavi-, filo- and togaviridae. All these viruses are highly variable and evolve rapidly, making them elusive targets for the immune system and for vaccine and drug design. About 55,000 HFV sequences exist in the public domain today. A central website that provides annotated sequences and analysis tools will be helpful to HFV researchers worldwide.

Abbreviations: HFV Database

Synonyms: HFV Sequence Database, Hemorrhagic Fever Viruses Database, Hemorrhagic Fever Viruses (HFV) Database, LANL hemorrhagic fever virus database, Hemorrhagic Fever Viruses (HFV) Database Project

Resource Type: data analysis service, analysis service resource, database, production service resource, service resource, data or information resource

Defining Citation: [PMID:22064861](#)

Keywords: gene, hemorrhagic fever virus, biothreat, virus, sequence, nucleotide sequence, reference sequence, bio.tools

Funding: United States Department of Defense contract HDTRA B084498I

Resource Name: HFV Database

Resource ID: SCR_006017

Alternate IDs: biotools:hfv, nlx_151408

Alternate URLs: <https://bio.tools/hfv>

Record Creation Time: 20220129T080233+0000

Record Last Update: 20250420T014310+0000

Ratings and Alerts

No rating or validation information has been found for HFV Database.

No alerts have been found for HFV Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Claes P, et al. (2016) New Entries in the Lottery of Facial GWAS Discovery. PLoS genetics, 12(8), e1006250.