

Resource Summary Report

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HCV Immunology Database

RRID:SCR_007086

Type: Tool

Proper Citation

HCV Immunology Database (RRID:SCR_007086)

Resource Information

URL: <http://hcv.lanl.gov/content/immuno/immuno-main.html>

Proper Citation: HCV Immunology Database (RRID:SCR_007086)

Description: The HCV Immunology Database contains a curated inventory of immunological epitopes in HCV and their interaction with the immune system, with associated retrieval and analysis tools. The funding for the HCV database project has stopped, and this website and the HCV immunology database are no longer maintained. The site will stay up, but problems will not be fixed. The database was last updated in September 2007. The HIV immunology website contains the same tools, and may be usable for non-HCV-specific analyses. For new epitope information, users of this database can try the Immuno Epitope Database (<http://www.immuneepitope.org>).

Abbreviations: HCV Immunology Database

Synonyms: Los Alamos Hepatitis C Immunology Database, Hepatitis C Virus Immunology Database, Hepatitis C Immunology Database

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

Defining Citation: [PMID:16309340](#)

Keywords: epitope, immune system, hepatitis c virus, hepatitis c, immunology, t cell, protein, alignment, antibody, binding site

Related Condition: Hepatitis C

Funding: NIAID

Availability: The data and some of the HCV database tools are available for download for non-commercial use.

Resource Name: HCV Immunology Database

Resource ID: SCR_007086

Alternate IDs: nlx_151412

Record Creation Time: 20220129T080239+0000

Record Last Update: 20260729T044141+0000

Ratings and Alerts

No rating or validation information has been found for HCV Immunology Database.

No alerts have been found for HCV Immunology Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Xu R, et al. (2022) Complete genome sequencing and evolutionary analysis of hepatitis C virus subtype 6a, including strains from Guangdong Province, China. Archives of virology, 167(2), 591.

Ferns RB, et al. (2016) Hepatitis C virus quasispecies and pseudotype analysis from acute infection to chronicity in HIV-1 co-infected individuals. Virology, 492, 213.

Irausquin SJ, et al. (2010) Conflicting selection pressures target the NS3 protein in hepatitis C virus genotypes 1a and 1b. Virus research, 147(2), 202.

Roohvand F, et al. (2007) HCV core protein immunization with Montanide/CpG elicits strong Th1/Th2 and long-lived CTL responses. Biochemical and biophysical research communications, 354(3), 641.

Mihailova M, et al. (2006) Preparation of hepatitis C virus structural and non-structural protein fragments and studies of their immunogenicity. Protein expression and purification, 50(1), 43.