

Resource Summary Report

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VIDA

RRID:SCR_007111

Type: Tool

Proper Citation

VIDA (RRID:SCR_007111)

Resource Information

URL: http://www.biochem.ucl.ac.uk/bsm/virus_database/VIDA3/VIDA.html

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Description: VIDA contains a collection of homologous protein families derived from open reading frames from complete and partial virus genomes. For each family, users can get an alignment of the conserved regions, functional and taxonomy information, and links to DNA sequences and structures. * Search homologous protein families from particular virus families * Links to complete genome sequence: Arteriviridae, Coronaviridae, Herpesviridae, Poxviridae The Virus Database at University College London has been developed as a system to organize animal virus open reading frame sequences. All known and predicted protein sequences from complete and partial genomes of particular virus families are extracted from GenBank and filtered to remove 100% redundancy. On the basis of sequence similarity the sequences are then clustered into homologous protein families (HPFs). The families are enriched with annotations including function and functional classification, related protein structures, taxonomy, length of the proteins, boundaries of the conserved region/s, virus-specific gene name and links to EMBL entries and SWISSPROT., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Abbreviations: VIDA

Synonyms: Virus Database at University College London, Virus Database, VIDA Virus Database

Resource Type: data or information resource, data set

Defining Citation: [PMID:11125070](#)

Keywords: genomics, non-vertebrate, viral genome, homologous protein, hpf, viral genome, virus, bio.tools, FASEB list

Funding: BBSRC ;
MRC

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: VIDA

Resource ID: SCR_007111

Alternate IDs: nif-0000-03628, biotools:vida

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

Old URLs: http://www.biochem.ucl.ac.uk/bsm/virus_database/VIDA.html

Record Creation Time: 20220129T080239+0000

Record Last Update: 20260821T193818+0000

Ratings and Alerts

No rating or validation information has been found for VIDA.

No alerts have been found for VIDA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 193 mentions in open access literature.

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

Makimoto K, et al. (2025) Upper-lobe CT imaging features improve prediction of lung function decline in COPD. ERJ open research, 11(3).

Gospodarska E, et al. (2025) Transcriptomic profiling of immune modulation induced by vitamin D3 in the VitDPAS and VitDHiD cohort studies. Scientific reports, 15(1), 17334.

Monroy Garzón AM, et al. (2025) [Self-reported quality of life of pediatric patients discharged from the Intensive Care Unit]. Revista espanola de salud publica, 99.

Hu Y, et al. (2025) China Multi-Center Cohort Study on Risk Evaluation of Arrhythmogenic Cardiomyopathy: The ChinaCORE ACM Registry. JACC. Asia, 5(7), 914.

Takeuchi Y, et al. (2025) ?Chromosomes of four fishfly species (Megaloptera, Corydalidae, Chauliodinae) from North America. Comparative cytogenetics, 19, 83.

Suita K, et al. (2025) Water-soluble vidarabine derivatives alleviate catecholamine-induced heart failure and arrhythmia without impairing cardiac function in mice. *PloS one*, 20(8), e0330507.

Bürkle E, et al. (2025) Scan-rescan reliability assessment of brain volumetric analysis across scanners and software solutions. *Scientific reports*, 15(1), 29843.

Chandio BQ, et al. (2025) White Matter Tract Vulnerability to Amyloid Pathology on the Alzheimer's Disease Continuum. *bioRxiv : the preprint server for biology*.

Tani K, et al. (2025) Right middle occipital gyrus is associated with egocentric spatial orientation during body tilt: Evidence from a repetitive transcranial magnetic stimulation study. *The European journal of neuroscience*, 61(1), e16639.

Collins SÉ, et al. (2025) Relationship of Pulmonary Vascular Structure and Function With Exercise Capacity in Health and COPD. *Chest*, 167(2), 402.

Niemann B, et al. (2025) Hydroxychloroquine reduces metastatic tumor burden in pancreatic adenocarcinoma through myeloperoxidase inhibition. *Journal of inflammation (London, England)*, 22(1), 33.

Faubion LL, et al. (2025) Long-term effects of 4 years of menopausal hormone therapy on white matter integrity. *Menopause (New York, N.Y.)*, 32(9), 818.

Muslu T, et al. (2025) Noncoding elements in wheat defence response to fusarium head blight. *Scientific reports*, 15(1), 15167.

Won J, et al. (2025) Enhancing 3D dopamine transporter imaging as a biomarker for Parkinson's disease via self-supervised learning with diffusion models. *Cell reports. Medicine*, 6(7), 102207.

Mun HS, et al. (2025) Enhanced Detection of Residual Breast Cancer Post-Excisional Biopsy: Comparative Analysis of Contrast-Enhanced MRI with and Without Diffusion-Weighted Imaging. *Tomography (Ann Arbor, Mich.)*, 11(1).

Cazzoli D, et al. (2025) Incidence of Visuospatial Neglect in Acute Stroke: Assessment and Stroke Characteristics in an Unselected 1-Year Cohort. *Stroke*, 56(7), 1693.

Liu H, et al. (2025) Risk factors for non-vertebral fractures in community-dwelling elderly: a 10-year follow-up study in New Zealand. *Archives of osteoporosis*, 20(1), 44.

AuBuchon KE, et al. (2025) Randomized trial of a community-based, culturally tailored intervention: High engagement among Latina breast cancer survivors. *Cancer*, 131(11), e35842.

Burns P, et al. (2025) The Canadian Lung Outcomes in Users of Vaping Devices (CLOUD) Study: protocol for a prospective, observational cohort study. *BMJ open*, 15(3), e100568.

Judd W, et al. (2025) Flexible, high spatial and temporal resolution absolute thermometry of MRI phantoms using ethylene glycol. *Magnetic resonance in medicine*, 94(2), 470.