

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

MyHits

RRID:SCR_006757

Type: Tool

Proper Citation

MyHits (RRID:SCR_006757)

Resource Information

URL: <https://myhits.sib.swiss/>

Proper Citation: MyHits (RRID:SCR_006757)

Description: Database devoted to protein domains. It is also a collection of tools for the investigation of the relationships between protein sequences and motifs described on them.

Synonyms: MyHit

Resource Type: data or information resource, database

Defining Citation: [PMID:17545200](#)

Keywords: protein, domain, motif, sequence, predictor, markov, model, gene, expression, mysql, bio.tools, FASEB list

Availability: Free

Resource Name: MyHits

Resource ID: SCR_006757

Alternate IDs: nif-0000-02962, biotools:myhits

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

Record Creation Time: 20220129T080238+0000

Record Last Update: 20260729T044139+0000

Ratings and Alerts

No rating or validation information has been found for MyHits.

No alerts have been found for MyHits.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 39 mentions in open access literature.

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

Bar S, et al. (2025) Inhibition of the metalloprotease ADAM19 as a novel senomorphic strategy to ameliorate gut permeability and senescence markers by modulating senescence-associated secretory phenotype (SASP). *Aging*, 17(3), 757.

Krishnamurthy S, et al. (2023) CRISPR Screens Identify Toxoplasma Genes That Determine Parasite Fitness in Interferon Gamma-Stimulated Human Cells. *mBio*, 14(2), e0006023.

Szebenyi C, et al. (2023) cotH Genes Are Necessary for Normal Spore Formation and Virulence in *Mucor lusitanicus*. *mBio*, 14(1), e0338622.

Almutairi ZM, et al. (2021) Molecular characterization and expression analysis of ribosomal L18/L5e gene in *Pennisetum glaucum* (L.) R. Br. *Saudi journal of biological sciences*, 28(6), 3585.

Ibarrola-Vannucci AK, et al. (2021) Characterization and functional analysis of the proteins Prohibitin 1 and 2 in *Trypanosoma cruzi*. *PLoS neglected tropical diseases*, 15(4), e0009322.

Marcinkowski M, et al. (2021) Effect of Posttranslational Modifications on the Structure and Activity of FTO Demethylase. *International journal of molecular sciences*, 22(9).

Dwivedy A, et al. (2021) Characterization of the NiRAN domain from RNA-dependent RNA polymerase provides insights into a potential therapeutic target against SARS-CoV-2. *PLoS computational biology*, 17(9), e1009384.

Marcinkowski M, et al. (2021) Calmodulin as Ca²⁺-Dependent Interactor of FTO Dioxygenase. *International journal of molecular sciences*, 22(19).

Socorro Ruiz-Palma MD, et al. (2021) Comparative proteomic analysis of outer membrane vesicles from *Brucella suis*, *Brucella ovis*, *Brucella canis* and *Brucella neotomae*. *Archives of microbiology*, 203(4), 1611.

Dakal TC, et al. (2021) SARS-CoV-2 attachment to host cells is possibly mediated via RGD-integrin interaction in a calcium-dependent manner and suggests pulmonary EDTA chelation therapy as a novel treatment for COVID 19. *Immunobiology*, 226(1), 152021.

Nawaz MS, et al. (2020) Molecular evolutionary and structural analysis of human UCHL1 gene demonstrates the relevant role of intragenic epistasis in Parkinson's disease and other neurological disorders. *BMC evolutionary biology*, 20(1), 130.

Orfanidou CG, et al. (2020) Identification, molecular characterization and prevalence of a novel cytorhabdovirus infecting zucchini crops in Greece. *Virus research*, 287, 198095.

Kwak HJ, et al. (2019) Spatiotemporal Expression of Anticoagulation Factor Antistasin in Freshwater Leeches. *International journal of molecular sciences*, 20(16).

Liljander A, et al. (2019) Reproduction of contagious caprine pleuropneumonia reveals the ability of convalescent sera to reduce hydrogen peroxide production in vitro. *Veterinary research*, 50(1), 10.

Sen S, et al. (2019) Molecular characterization of two novel proteins All1122 and Alr0750 of *Anabaena* PCC 7120 conferring tolerance to multiple abiotic stresses in *Escherichia coli*. *Gene*, 685, 230.

Araiza-Villanueva M, et al. (2019) Proteomic Analysis of Membrane Blebs of *Brucella abortus* 2308 and RB51 and Their Evaluation as an Acellular Vaccine. *Frontiers in microbiology*, 10, 2714.

de Souza WM, et al. (2018) Novel orthohepeviruses in wild rodents from S o Paulo State, Brazil. *Virology*, 519, 12.

Cambridge JM, et al. (2018) Genomics of *Clostridium taeniosporum*, an organism which forms endospores with ribbon-like appendages. *PloS one*, 13(1), e0189673.

Wangsanut T, et al. (2018) Functional Mapping of Transcription Factor Grf10 That Regulates Adenine-Responsive and Filamentation Genes in *Candida albicans*. *mSphere*, 3(5).

Phillips K, et al. (2017) Drought and exogenous abscisic acid alter hydrogen peroxide accumulation and differentially regulate the expression of two maize RD22-like genes. *Scientific reports*, 7(1), 8821.