

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 11, 2025

NCBI Protein Database

RRID:SCR_003257

Type: Tool

Proper Citation

NCBI Protein Database (RRID:SCR_003257)

Resource Information

URL: <http://www.ncbi.nlm.nih.gov/protein>

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Description: Databases of protein sequences and 3D structures of proteins. Collection of sequences from several sources, including translations from annotated coding regions in GenBank, RefSeq and TPA, as well as records from SwissProt, PIR, PRF, and PDB.

Abbreviations: NCBI_GP, NCBI Protein, NCBI GP

Synonyms: Entrez Protein, Protein Database, NCBI Protein Database, Protein sequence database, Entrez Protein Database

Resource Type: data or information resource, database

Keywords: amino acid sequence, nucleotide, dna sequence, protein, sequence, sequence data, structure, function, dna, nucleotide sequence, genomics, protein binding, gold standard

Funding:

Resource Name: NCBI Protein Database

Resource ID: SCR_003257

Alternate IDs: SCR_017486, nif-0000-03178

Alternate URLs: <http://www.ncbi.nlm.nih.gov/sites/entrez?db=protein>

Record Creation Time: 20220129T080218+0000

Record Last Update: 20250410T064952+0000

Ratings and Alerts

No rating or validation information has been found for NCBI Protein Database.

No alerts have been found for NCBI Protein Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 884 mentions in open access literature.

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

Yang J, et al. (2025) Manic Fringe promotes endothelial-to-mesenchymal transition mediated by the Notch signalling pathway during heart valve development. *Journal of molecular medicine (Berlin, Germany)*, 103(1), 51.

Kusada H, et al. (2025) Evidence for the Worldwide Distribution of a Bile Salt Hydrolase Gene in *Enterococcus faecium* Through Horizontal Gene Transfer. *International journal of molecular sciences*, 26(2).

Chen L, et al. (2025) Chemical cross-linking facilitates antigen uptake and presentation and provides improved protection from Mpox with a dual-antigen subunit vaccine. *MedComm*, 6(1), e70045.

Jantarawong S, et al. (2025) Prediction of ADMET profile and anti-inflammatory potential of chamuangone. *Scientific reports*, 15(1), 2963.

Yoshimi Y, et al. (2025) Glucomannan engineering highlights roles of galactosyl modification in fine-tuning cellulose-glucomannan interaction in *Arabidopsis* cell walls. *Nature communications*, 16(1), 1235.

Kusumoto K, et al. (2025) Multispanning membrane protein SIDT2 increases knockdown activity of gapmer antisense oligonucleotides. *Scientific reports*, 15(1), 586.

Foster B, et al. (2024) A novel in vivo system to study coral biomineralization in the starlet sea anemone, *Nematostella vectensis*. *iScience*, 27(3), 109131.

Rong H, et al. (2024) Odorant binding protein 18 increases the pathogen resistance of the imported willow leaf beetle, *Plagioderma versicolora*. *Frontiers in cellular and infection microbiology*, 14, 1360680.

Zhang T, et al. (2024) Structural-functional diversity of CD47 proteoforms. *Frontiers in immunology*, 15, 1329562.

Citores L, et al. (2024) Edodin: A New Type of Toxin from Shiitake Mushroom (*Lentinula edodes*) That Inactivates Mammalian Ribosomes. *Toxins*, 16(4).

Kayrouz CM, et al. (2024) Ovoselenol, a Selenium-containing Antioxidant Derived from Convergent Evolution. *bioRxiv : the preprint server for biology*.

Golosoza NN, et al. (2024) Characterization of a Thermostable Endolysin of the *Aeribacillus* Phage AeriP45 as a Potential *Staphylococcus* Biofilm-Removing Agent. *Viruses*, 16(1).

Fujimoto K, et al. (2024) An enterococcal phage-derived enzyme suppresses graft-versus-host disease. *Nature*, 632(8023), 174.

Huerlimann R, et al. (2024) The transcriptional landscape underlying larval development and metamorphosis in the Malabar grouper (*Epinephelus malabaricus*). *eLife*, 13.

Chua HM, et al. (2024) Insights into the computer-aided drug design and discovery based on anthraquinone scaffold for cancer treatment: A systematic review. *PloS one*, 19(5), e0301396.

Elshafei SO, et al. (2024) Immunoinformatics, molecular docking and dynamics simulation approaches unveil a multi epitope-based potent peptide vaccine candidate against avian leukosis virus. *Scientific reports*, 14(1), 2870.

Shahbazi S, et al. (2024) In silico and in vivo Investigations of the Immunoreactivity of *Klebsiella pneumoniae* OmpA Protein as a Vaccine Candidate. *Iranian biomedical journal*, 28(4), 156.

Schada von Borzyskowski L, et al. (2024) Multiple levels of transcriptional regulation control glycolate metabolism in *Paracoccus denitrificans*. *mBio*, 15(8), e0152424.

Lei L, et al. (2024) The mouse Balbiani body regulates primary oocyte quiescence via RNA storage. *Communications biology*, 7(1), 1247.

Gorji AE, et al. (2024) Identification and analysis of differentially expressed lncRNAs and their ceRNA networks in DMD/mdx primary myoblasts. *Scientific reports*, 14(1), 23691.