

Resource Summary Report

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SWISS-MODEL Repository

RRID:SCR_013032

Type: Tool

Proper Citation

SWISS-MODEL Repository (RRID:SCR_013032)

Resource Information

URL: <http://swissmodel.expasy.org/repository>

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Description: Database of annotated three-dimensional comparative protein structure models generated by the fully automated homology-modelling pipeline SWISS-MODEL.

Synonyms: SWISS-MODEL Repository

Resource Type: data or information resource, database

Keywords: protein structure, structural homology, model

Resource Name: SWISS-MODEL Repository

Resource ID: SCR_013032

Alternate IDs: nif-0000-03522, r3d100010605

Record Creation Time: 20220129T080313+0000

Record Last Update: 20260905T133203+0000

Ratings and Alerts

No rating or validation information has been found for SWISS-MODEL Repository.

No alerts have been found for SWISS-MODEL Repository.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 331 mentions in open access literature.

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

Barney AM, et al. (2025) Genetic predisposition and the impact of missense genetic variants on the structural and functional protein dynamics in idiopathic pulmonary fibrosis. *Lung India : official organ of Indian Chest Society*, 42(6), 562.

Eirich P, et al. (2024) The release of host-derived antibodies bound to the variant surface glycoprotein (VSG) of *Trypanosoma brucei* cannot be explained by pH-dependent conformational changes of the VSG dimer. *Open research Europe*, 4, 87.

Zhang A, et al. (2024) Coupled Effect of Nutritional Food Molecules and *Lactobacillus reuteri* Surface Protein Interaction on the Bacterial Gastrointestinal Tolerance. *Foods (Basel, Switzerland)*, 13(22).

Agu PC, et al. (2023) Molecular docking as a tool for the discovery of molecular targets of nutraceuticals in diseases management. *Scientific reports*, 13(1), 13398.

Moudi M, et al. (2022) Novel variants underlying autosomal recessive neurodevelopmental disorders with intellectual disability in Iranian consanguineous families. *Journal of clinical laboratory analysis*, 36(2), e24241.

Liu R, et al. (2022) Structure of human phagocyte NADPH oxidase in the resting state. *eLife*, 11.

Papadopoulos AO, et al. (2021) Characterisation of a putative M23-domain containing protein in *Mycobacterium tuberculosis*. *PloS one*, 16(11), e0259181.

Ahn LY, et al. (2021) An epilepsy-associated ACTL6B variant captures neuronal hyperexcitability in a human induced pluripotent stem cell model. *Journal of neuroscience research*, 99(1), 110.

Shipley MM, et al. (2021) Functional development of a V3/glycan-specific broadly neutralizing antibody isolated from a case of HIV superinfection. *eLife*, 10.

Wang P, et al. (2020) Genetic mapping and candidate gene analysis for melon resistance to *Phytophthora capsici*. *Scientific reports*, 10(1), 20456.

Soysa HSM, et al. (2020) Single-channel properties, sugar specificity, and role of chitoporin in adaptive survival of *Vibrio cholerae* type strain O1. *The Journal of biological chemistry*, 295(28), 9421.

Tan Y, et al. (2020) A marine fungus-derived nitrobenzoyl sesquiterpenoid suppresses receptor activator of NF- κ B ligand-induced osteoclastogenesis and inflammatory bone destruction. *British journal of pharmacology*, 177(18), 4242.

Meraz-Cruz N, et al. (2020) Thermal stability of human matrix metalloproteinases. *Heliyon*, 6(5), e03865.

Dubrovskaya V, et al. (2019) Vaccination with Glycan-Modified HIV NFL Envelope Trimer-Liposomes Elicits Broadly Neutralizing Antibodies to Multiple Sites of Vulnerability. *Immunity*, 51(5), 915.

Li YS, et al. (2019) Two Novel Mutations and a de novo Mutation in PSEN1 in Early-onset Alzheimer's Disease. *Aging and disease*, 10(4), 908.

Adrian J, et al. (2019) Adaptation to Host-Specific Bacterial Pathogens Drives Rapid Evolution of a Human Innate Immune Receptor. *Current biology : CB*, 29(4), 616.

Ruff WE, et al. (2019) Pathogenic Autoreactive T and B Cells Cross-React with Mimotopes Expressed by a Common Human Gut Commensal to Trigger Autoimmunity. *Cell host & microbe*, 26(1), 100.

Kou Y, et al. (2018) Novel frame shift mutation in ERCC6 leads to a severe form of Cockayne syndrome with postnatal growth failure and early death: A case report and brief literature review. *Medicine*, 97(33), e11636.

Aydin F, et al. (2018) Gating mechanisms during actin filament elongation by formins. *eLife*, 7.

Mead AF, et al. (2017) Fundamental constraints in synchronous muscle limit superfast motor control in vertebrates. *eLife*, 6.