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

Proper Citation: SWISS-MODEL Repository (RRID:SCR_013032)

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

Funding:

Resource Name: SWISS-MODEL Repository

Resource ID: SCR_013032

Alternate IDs: nif-0000-03522

Record Creation Time: 20220129T080313+0000

Record Last Update: 20250426T060320+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 FDI Lab - SciCrunch.org.

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.

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

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

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.

Yuan M, et al. (2019) Conformational Plasticity in the HIV-1 Fusion Peptide Facilitates Recognition by Broadly Neutralizing Antibodies. Cell host & microbe, 25(6), 873.

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.

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.

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.

Essuman K, et al. (2017) The SARM1 Toll/Interleukin-1 Receptor Domain Possesses Intrinsic NAD+ Cleavage Activity that Promotes Pathological Axonal Degeneration. Neuron, 93(6), 1334.