

Resource Summary Report

Generated by [ASWG](#) on Aug 3, 2026

SWISS-MODEL

RRID:SCR_018123

Type: Tool

Proper Citation

SWISS-MODEL (RRID:SCR_018123)

Resource Information

URL: <https://swissmodel.expasy.org/>

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Description: Software tool as fully automated protein structure homology modeling server, accessible via ExPASy web server, or from program DeepView Swiss Pdb-Viewer. Structural bioinformatics web-server dedicated to homology modeling of 3D protein structures. Used to make protein modelling accessible to all biochemists and molecular biologists.

Resource Type: web service, software resource, data access protocol, data or information resource, service resource

Defining Citation: [PMID:12824332](#)

Keywords: 3D protein structure, homology modeling server, protein modeling, structural bioinformatics, automated comparative modeling, bio.tools

Availability: Free, Freely available

Resource Name: SWISS-MODEL

Resource ID: SCR_018123

Alternate IDs: biotools:swiss-model_workspace, biotools:swiss_model

Alternate URLs: https://bio.tools/swiss_model, https://bio.tools/swiss-model_workspace

Record Creation Time: 20220129T080338+0000

Record Last Update: 20260803T040739+0000

Ratings and Alerts

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

No alerts have been found for SWISS-MODEL.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2796 mentions in open access literature.

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

Kong XX, et al. (2026) TostOBP12 mediates the olfactory response to host volatiles in the parasitoid wasp *Trichogramma ostriniae*. *Insect biochemistry and molecular biology*, 104491.

Li M, et al. (2026) HERV-K TM Subunit Elicits CD8+ T Cell Anergy and Tumor Immune Evasion via Targeting CD3 Coreceptor ? in AML and PDAC. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(1), e17432.

Alboshokeh MA, et al. (2026) Site-Specific PEGylation at Residue 86 Improves Pharmacokinetic Properties of Interferon ?-2b. *Iranian journal of biotechnology*, 24(1), e4062.

Zhang P, et al. (2026) Resurrection and characterization of ancestral xylose transporters enhance the capability of xylose uptake in the mixed sugar co-fermentation of Recombinant *Saccharomyces cerevisiae*. *Bioresources and bioprocessing*, 13(1), 1.

Florea M, et al. (2026) A pseudoenzyme enables indole biosynthesis in eudicot plants. *Nature chemical biology*, 22(1), 120.

Juanpere-Borras M, et al. (2026) Genome-wide Identification of conditionally essential genes supporting *Streptococcus suis* growth in serum and cerebrospinal fluid. *Virulence*, 17(1), 2600145.

Kanli A, et al. (2026) Dysregulation of ERAD and Stress Response Proteins by V493F FTO Over-expression: A Proteomic Perspective. *In vivo* (Athens, Greece), 40(1), 249.

DiSanza BL, et al. (2026) Bi-allelic variants in BCAT1 impair mitochondrial function and are associated with a candidate neurometabolic disorder. *HGG advances*, 7(1), 100525.

Nobari MB, et al. (2025) The Lpp-OmpA-BtaE fusion protein causes a protective immune response against *Brucella melitensis* in mice. *Scientific reports*, 15(1), 27210.

Mutai H, et al. (2025) Genetic landscape in undiagnosed patients with syndromic hearing loss revealed by whole exome sequencing and phenotype similarity search. *Human genetics*, 144(1), 93.

Kreysing JP, et al. (2025) Passage of the HIV capsid cracks the nuclear pore. *Cell*, 188(4), 930.

De Coninck T, et al. (2025) OsAPSE modulates non-covalent interactions between arabinogalactan protein O-glycans and pectin in rice cell walls. *Frontiers in plant science*, 16, 1588802.

Lin J, et al. (2025) Nudix Hydrolase 13 Impairs the Initiation of Colorectal Cancer by Inhibiting PKM1 ADP-Ribosylation. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(13), e2410058.

Lei J, et al. (2025) A novel nonsense mutation of the glucocorticoid receptor gene causing glucocorticoid resistance with infertility. *Endocrine*, 89(3), 879.

Li Y, et al. (2025) A gain-of-function mutation at the C-terminus of FT-D1 promotes heading by interacting with 14-3-3A and FDL6 in wheat. *Plant biotechnology journal*, 23(1), 20.

Goldoni M, et al. (2025) A Missense Variant Affecting the N-Terminal Domain of the Laminin-332 $\alpha 3$ Chain Results in a Distinct Form of Junctional Epidermolysis Bullosa With Altered Granulation Tissue Response and No New Blistering: A Second Family Report. *Pediatric dermatology*, 42(2), 410.

Xu Y, et al. (2025) SLC10A5 deficiency causes hypercholanemia. *Hepatology (Baltimore, Md.)*, 81(2), 408.

Monteiro Guedes M, et al. (2025) Repurposing statins for the treatment of larval cestodiasis: in silico evaluation of statin-HMG-CoA reductase interactions and assessment of statin effects on a cestode model. *Parasitology*, 152(8), 787.

Liang X, et al. (2025) Genome-Wide Identification of GmPIF Family and Regulatory Pathway Analysis of GmPIF3g in Different Temperature Environments. *International journal of molecular sciences*, 26(2).

Moosavi-Kohnehsari RS, et al. (2025) A new vaccination approach for Salmonellosis employing a multi-epitope vaccine based on live microbial cell factory from *Lactococcus lactis*. *Poultry science*, 104(2), 104789.