

Resource Summary Report

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Worldwide Protein Data Bank (wwPDB)

RRID:SCR_006555

Type: Tool

Proper Citation

Worldwide Protein Data Bank (wwPDB) (RRID:SCR_006555)

Resource Information

URL: <http://www.wwpdb.org/>

Proper Citation: Worldwide Protein Data Bank (wwPDB) (RRID:SCR_006555)

Description: Public global Protein Data Bank archive of macromolecular structural data overseen by organizations that act as deposition, data processing and distribution centers for PDB data. Members are: RCSB PDB (USA), PDBe (Europe) and PDBj (Japan), and BMRB (USA). This site provides information about services provided by individual member organizations and about projects undertaken by wwPDB. Data available via websites of its member organizations.

Abbreviations: wwPDB

Synonyms: World Wide Protein DataBank, wwPDB, Worldwide Protein Data Bank (wwPDB), World Wide Protein Data Bank, Worldwide Protein DataBank

Resource Type: database, data or information resource

Defining Citation: [PMID:14634627](#)

Keywords: 3-dimentional, bioinformatics, protein, research, structure, macromolecule, structural data, 3d spatial image, gold standard

Funding: NSF ;
NIGMS ;
DOE ;
NLM ;
NCI ;
NINDS ;
NIDDK ;
European Molecular Biology Laboratory ;
Heidelberg; Germany ;
Wellcome Trust ;

BBSRC ;
NIH ;
European Union ;
NBDC - National Bioscience Database Center ;
Japan Science and Technology Agency

Availability: Free, Freely available

Resource Name: Worldwide Protein Data Bank (wwPDB)

Resource ID: SCR_006555

Alternate IDs: nif-0000-23903, r3d100011104

Alternate URLs: <https://doi.org/10.17616/R3462V>

Record Creation Time: 20220129T080236+0000

Record Last Update: 20260808T190358+0000

Ratings and Alerts

No rating or validation information has been found for Worldwide Protein Data Bank (wwPDB).

No alerts have been found for Worldwide Protein Data Bank (wwPDB).

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1340 mentions in open access literature.

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

Osman ST, et al. (2026) Repurposing SGLT2 and DPP-4 inhibitors for mild cognitive impairment in type 2 diabetes mellitus: Insights from proteomics, target prediction and molecular docking. British journal of pharmacology, 183(10), 2533.

Pan Y, et al. (2026) CircTspan3 Promotes Cartilage Development Through ANNEXIN A2-Mediated Ferroptosis and Apoptosis Inhibition and Exosome-Mediated Paracrine Signaling. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(10), e13418.

Cagliani R, et al. (2026) Positive Selection Targeted Primate Genes that Encode Transposable Element Repressors. Genome biology and evolution, 18(3).

Ha SE, et al. (2026) Antioxidant and anti-inflammatory effects of the extract from rhizomes of Belamcanda chinensis (L.) DC. on human keratinocyte HaCaT cells. Experimental and

therapeutic medicine, 32(2), 211.

Cooper A, et al. (2026) The Crystal Structure of Human Transport and Golgi Organization 2 Homolog (TANGO2) Protein Reveals an $\alpha\beta\gamma\delta$ -Fold Arrangement. *Proteins*, 94(2), 515.

Braid T, et al. (2026) Broadening the phenotypic and molecular spectrum of PRS deficiency in females. *HGG advances*, 7(3), 100601.

Luo T, et al. (2026) Integrative multi-omics and network analysis identify potential targets of Chaihu Shugan Xiaozheng Formula in breast cancer. *Translational oncology*, 70, 102829.

Kandemir Ü, et al. (2026) Synthesis, Antidepressant-like and Anxiolytic-like Effects of Novel Thiadiazole Derivatives: Behavioral Assessment and Mechanistic Investigation. *Pharmaceuticals (Basel, Switzerland)*, 19(5).

Liu L, et al. (2026) Structural Analysis and Inhibitor Modeling of Bacterioferritin From *Brucella abortus*. *Proteins*, 94(6), 1170.

Lin CC, et al. (2026) Structural insights into glycoside hydrolase family 1 β -glucosidase: Selective oligosaccharide hydrolysis, synthesis, and product profiling. *The Journal of biological chemistry*, 302(4), 111293.

Todorović N, et al. (2026) Major Cat Allergen Fel d 4: Structure and Identification of a Cross-Reactive IgE-Epitope-Containing Area. *Allergy*, 81(4), 1075.

Hackney CM, et al. (2026) Conkazol-M1 from the MKAVA family of conotoxins: A dual-function protease inhibitor and neuroactive peptide. *Protein science : a publication of the Protein Society*, 35(5), e70580.

Fairchild D, et al. (2026) PXL: a Nucleic Acid-Binding Module of Promyelocytic Leukemia Protein. *bioRxiv : the preprint server for biology*.

Zhu Q, et al. (2026) Ginsenoside Rh4 Triggers Ferroptosis in Lung Cancer: Targeting KEAP1/NRF2/HO-1 and Remodeling Gut Microbiota for Butyrate-Mediated ATF3 Activation. *International journal of molecular sciences*, 27(6).

Li Y, et al. (2026) Structural and functional analysis of the *Bacillus cereus* GerI inosine-responsive spore germinant receptor. *mBio*, 17(5), e0010826.

Li Z, et al. (2026) Phylogenetic and functional characterization of Asgard primases. *Molecular biology and evolution*, 43(1).

Zafar H, et al. (2026) Breaking barriers: transitioning from X-ray crystallography to cryo-EM for structural studies. *Acta crystallographica. Section D, Structural biology*, 82(Pt 3), 253.

Guo Y, et al. (2026) Analysis of the heterogeneous structural states of the hexameric ATPase PilU of the type IV pili from *Vibrio cholerae*. *Protein science : a publication of the Protein Society*, 35(6), e70609.

Korchak EJ, et al. (2026) Mechanisms of USP7/MAGEL2 Complex Assembly and Its Mutational Disruption in Neurodevelopmental Diseases. *bioRxiv : the preprint server for*

biology.

Foster SP, et al. (2026) It started off as a Cys, how did it end up like this? Identifying the extent of unmodelled oxidatively modified cysteines within the Protein Data Bank. *Acta crystallographica. Section D, Structural biology*, 82(Pt 7), 700.