

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

AlphaFold Protein Structure Database

RRID:SCR_023662

Type: Tool

Proper Citation

AlphaFold Protein Structure Database (RRID:SCR_023662)

Resource Information

URL: <https://alphafold.ebi.ac.uk/>

Proper Citation: AlphaFold Protein Structure Database (RRID:SCR_023662)

Description: Database of protein structure predictions by AlphaFold that are freely and openly available to global scientific community. Included are nearly all catalogued proteins known to science. Provides programmatic access to and interactive visualization of predicted atomic coordinates, per residue and pairwise model confidence estimates and predicted aligned errors.

Abbreviations: AlphaFold DB

Resource Type: data or information resource, database

Defining Citation: [PMID:34791371](#)

Keywords: EMBL-EBI, protein structure predictions, AlphaFold, catalogued proteins, protein, programmatic access, interactive visualization,

Availability: Free, Freely available

Resource Name: AlphaFold Protein Structure Database

Resource ID: SCR_023662

Alternate IDs: r3d100013615

Alternate URLs: <https://doi.org/10.17616/R31NJMZZ>

Record Creation Time: 20230607T050210+0000

Record Last Update: 20260729T044557+0000

Ratings and Alerts

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

No alerts have been found for AlphaFold Protein Structure Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1055 mentions in open access literature.

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

Hosogane M, et al. (2026) Variant-specific interaction of kinectin 1 with the multi-tRNA synthetase complex regulates ER sheet organization. *iScience*, 29(1), 114303.

Contreras-Moreira B, et al. (2026) The PanOryza pangene catalog of Asian cultivated rice. *Genome research*, 36(1), 226.

Khan A, et al. (2026) HMPV-TherResDB: Comprehensive human metapneumovirus (HMPV) database for sequence-structure annotations, vaccine resources, and therapeutics research. *Virus research*, 363, 199665.

Li Y, et al. (2026) Calpain-1 Potentiates Periodontal Regeneration via PHLPP1-ERK-Driven Osteogenesis in Periodontal Ligament Stem Cells. *International dental journal*, 76(1), 109309.

Ncir WB, et al. (2026) First LDLRAP1 and Recurrent LDLR Mutations in Tunisian Families With Familial Hypercholesterolemia. *Journal of cellular and molecular medicine*, 30(1), e70997.

Hadarovich A, et al. (2026) PICNIC web server for predicting proteins involved in biomolecular condensates. *Bioinformatics (Oxford, England)*, 42(1).

Liu W, et al. (2026) CD146+ pericyte-like lung cancer brain metastatic stem cells promote tumor angiogenesis through dual regulatory effects on the VEGF/VEGFR axis. *Theranostics*, 16(4), 1905.

Sahakyan H, et al. (2026) Exploring the protein universe with distant similarity detection methods. *Protein science : a publication of the Protein Society*, 35(1), e70397.

Ramasamy P, et al. (2026) Assessing the relation between protein phosphorylation, AlphaFold3 models, and conformational variability. *Protein science : a publication of the Protein Society*, 35(1), e70376.

Fadini A, et al. (2026) Model Quality Assessment for CASP16. *Proteins*, 94(1), 302.

Fierro Morales JC, et al. (2025) Reduced cell-substrate adhesion formation promotes cell migration in Dictyostelium. *Molecular biology of the cell*, 36(8), ar98.

Sheth AS, et al. (2025) PLK1 Inhibition Induces Synthetic Lethality in Fanconi Anemia Pathway-Deficient Acute Myeloid Leukemia. *Cancer research communications*, 5(4), 648.

Martins CS, et al. (2025) Genetically encoded reporters of actin filament organization in living cells and tissues. *Cell*, 188(9), 2540.

Bond Newton SE, et al. (2025) ER stress tolerance is regulated by copper-dependent PERK kinase activity. *Cell reports*, 44(10), 116318.

Hathi P, et al. (2025) Extracellular adenosine deamination primes tip organizer development in Dictyostelium. *eLife*, 14.

Xiao X, et al. (2025) Structural insights into the biotechnologically relevant reversible NADPH-oxidizing NiFe-hydrogenase from *P.furiosus*. *Structure (London, England : 1993)*, 33(9), 1470.

Basharat Z, et al. (2025) Proteome mining of *Yersinia Enterocolitica* for drug targets and computational inhibitor identification with ADMET, anti-inflammation potential and formulation characteristics. *BioData mining*, 18(1), 68.

Wang Y, et al. (2025) Homeodomain protein PRRX1 anchors the Ku heterodimers at DNA double-strand breaks to promote nonhomologous end-joining. *Nucleic acids research*, 53(6).

Savani MR, et al. (2025) Nitrogen metabolism profiling reveals cell state-specific pyrimidine synthesis pathway choice. *bioRxiv : the preprint server for biology*.

Le Bas A, et al. (2025) Structure of WzxE the lipid III flippase for Enterobacterial Common Antigen polysaccharide. *Open biology*, 15(1), 240310.