PDBe - Protein Data Bank in Europe

RRID:SCR_004312
Type: Tool

Proper Citation
PDBe - Protein Data Bank in Europe (RRID:SCR_004312)

Resource Information

URL: http://www.ebi.ac.uk/pdbe/

Description: The European resource for the collection, organization and dissemination of data on biological macromolecular structures. In collaboration with the other worldwide Protein Data Bank (wwPDB) partners - the Research Collaboratory for Structural Bioinformatics (RCSB) and BioMagResBank (BMRB) in the USA and the Protein Data Bank of Japan (PDBj) - they work to collate, maintain and provide access to the global repository of macromolecular structure data. The main objectives of the work at PDBe are: * to provide an integrated resource of high-quality macromolecular structures and related data and make it available to the biomedical community via intuitive user interfaces. * to maintain in-house expertise in all the major structure-determination techniques (X-ray, NMR and EM) in order to stay abreast of technical and methodological developments in these fields, and to work with the community on issues of mutual interest (such as data representation, harvesting, formats and standards, or validation of structural data). * to provide high-quality deposition and annotation facilities for structural data as one of the wwPDB deposition sites. Several sophisticated tools are also available for the structural analysis of macromolecules.

Resource Name: PDBe - Protein Data Bank in Europe

Proper Citation: PDBe - Protein Data Bank in Europe (RRID:SCR_004312)

Resource Type: Resource, service resource, data or information resource, data repository, storage service resource, database

Keywords: x-ray, nmr, cryo-em, hybrid method, dna, protein, rna, sugar, ligand, virus, compound, fold, enzyme, 3d spatial image, structure, macromolecule, protein-protein interaction, gold standard
Resource ID: SCR_004312

Parent Organization: European Bioinformatics Institute

Funding Agency: BBSRC, CCP4, European Molecular Biology Laboratory; Heidelberg; Germany, European Union, MRC, NIH, Wellcome Trust

Related resources: Research Collaboratory for Structural Bioinformatics Protein Data Bank (RCSB PDB), DNA DataBank of Japan (DDBJ), EMDataResource.org, Worldwide Protein Data Bank (wwPDB), Biological Magnetic Resonance Data Bank (BMRB), DNA DataBank of Japan (DDBJ), Worldwide Protein Data Bank (wwPDB), PDBj - Protein Data Bank Japan, Research Collaboratory for Structural Bioinformatics Protein Data Bank (RCSB PDB), RCSB PDB

References: PMID:21045060, PMID:21460450, PMID:19858099

Website Status: Last checked up

Alternate IDs: nlx_32372

Abbreviations: PDBe

Mentions Count: 42

Ratings and Alerts

No rating or validation information has been found for PDBe - Protein Data Bank in Europe.

No alerts have been found for PDBe - Protein Data Bank in Europe.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 42 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.


Dodonova SO, et al. (2019) Structure of the Ty3/Gypsy retrotransposon capsid and the


exploring enzyme knowledge. Protein engineering, design & selection : PEDS, 30(3), 245-251.

