

Resource Summary Report

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DBSubLoc - Database of protein Subcellular Localization

RRID:SCR_002339

Type: Tool

Proper Citation

DBSubLoc - Database of protein Subcellular Localization (RRID:SCR_002339)

Resource Information

URL: <http://www.bioinfo.tsinghua.edu.cn/dbsubloc.html>

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Description: A database of protein subcellular localization containing proteins from primary protein database SWISS-PROT and PIR. By collecting the subcellular localization annotation, these information are classified and categorized by cross references to taxonomies and Gene Ontology database. Annotations were taken from primary protein databases, model organism genome projects and literature texts, and then were analyzed to dig out the subcellular localization features of the proteins. The proteins are also classified into different categories. Based on sequence alignment, nonredundant subsets of the database have been built, which may provide useful information for subcellular localization prediction. The database now contains >60 000 protein sequences including 30 000 protein sequences in the nonredundant data sets. Online download, SOAP server, Blast tools and prediction services are also available.

Abbreviations: DbSubLoc

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

Defining Citation: [PMID:14681374](#)

Keywords: protein, protein database, protein subcellular localization, blast, prediction, subcellular

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Resource Name: DBSubLoc - Database of protein Subcellular Localization

Resource ID: SCR_002339

Alternate IDs: nif-0000-02735

Record Creation Time: 20220129T080212+0000

Record Last Update: 20260905T132447+0000

Ratings and Alerts

No rating or validation information has been found for DBSubLoc - Database of protein Subcellular Localization.

No alerts have been found for DBSubLoc - Database of protein Subcellular Localization.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Basmenj ER, et al. (2025) Computational epitope-based vaccine design with bioinformatics approach; a review. Heliyon, 11(1), e41714.

Galperin MY, et al. (2005) The Molecular Biology Database Collection: 2005 update. Nucleic acids research, 33(Database issue), D5.