

Resource Summary Report

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FATCAT Flexible Structural Neighborhood

RRID:SCR_007665

Type: Tool

Proper Citation

FATCAT Flexible Structural Neighborhood (RRID:SCR_007665)

Resource Information

URL: <http://posa.sanfordburnham.org/fatcat-cgi/cgi/FSN/fsn.pl>

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Description: Flexible Structural Neighborhood is a database of structural neighbors of proteins as seen by FATCAT - a flexible protein structure alignment program. The server accepts either a protein (PDB ID) or a domain (SCOP ID) as a query. For the former case, the server first displays the information of chains and domains of a given protein. Afterwards, users can retrieve similar structures for a domain (if domain information is available, i.e., the protein is collected by SCOP), or for a chain otherwise. The protein structure database we collected for similar structure search includes a representative set at 90% sequence identity of SCOP domains, and of up-to-date PDB entries that are not included in the latest release of SCOP.

Abbreviations: FSN

Synonyms: FATCAT Flexible Structural Neighborhood Database, FSN Database

Resource Type: data or information resource, database

Keywords: server, database, molecule structure, protein structure, flexibility, structure, structural neighbor, protein, domain

Funding: NIGMS GM101457;
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Resource Name: FATCAT Flexible Structural Neighborhood

Resource ID: SCR_007665

Alternate IDs: nif-0000-02854

Old URLs: <http://fatcat.ljcrf.edu/fatcat-cgi/cgi/FSN/fsn.pl>

Record Creation Time: 20220129T080243+0000

Record Last Update: 20260905T133142+0000

Ratings and Alerts

No rating or validation information has been found for FATCAT Flexible Structural Neighborhood.

No alerts have been found for FATCAT Flexible Structural Neighborhood.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.