

Resource Summary Report

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Inter-Chain Beta-Sheets

RRID:SCR_007741

Type: Tool

Proper Citation

Inter-Chain Beta-Sheets (RRID:SCR_007741)

Resource Information

URL: <http://www.igb.uci.edu/servers/icbs/>

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Description: This database identifies and characterizes all inter-chain beta-sheet interactions within entries in the Protein Data Bank (PDB) and within the corresponding hypothetical quaternary structures that are automatically generated at the European Bioinformatics Institute (EBI), and that are currently available through the Protein Quaternary Structure (PQS) server, within the Macromolecular Structure Database. The data are stored in a relational database. The database can be accessed through the Web and queried through a simple form. Entries can be ranked according to the relative structural importance of their inter-chain -sheet interactions, or according to other criteria. The ICBS database is intended as a tool to: :* further the study of -sheet protein-protein interactions :* identify new ICBS interactions as new structures are deposited and as old structures are revised in the Protein Data Bank :* help select targets for drug design.

Synonyms: ICBS

Resource Type: data or information resource, database

Keywords: beta-sheet, inter-chain beta-sheet, -sheet protein-protein interactions

Resource Name: Inter-Chain Beta-Sheets

Resource ID: SCR_007741

Alternate IDs: nif-0000-03029

Record Creation Time: 20220129T080243+0000

Record Last Update: 20260912T200151+0000

Ratings and Alerts

No rating or validation information has been found for Inter-Chain Beta-Sheets.

No alerts have been found for Inter-Chain Beta-Sheets.

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 [SPARC SAWG](#) .

Khakshoor O, et al. (2010) X-ray crystallographic structure of an artificial beta-sheet dimer. Journal of the American Chemical Society, 132(33), 11622.

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