Resource Summary Report

pdb2linucs

RRID:SCR_001566
Type: Tool

Proper Citation

pdb2linucs (RRID:SCR_001566)

Resource Information

URL: http://www.glycosciences.de/tools/pdb2linucs/

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Description: Service that automatically extracts carbohydrate information from pdb-files and displays it in LINUCS or IUPAC notation. Many pdb-files contain carbohydrate structures. Since there is not such a standard nomenclature like it exists for amino acids, it is difficult to find the carbohydrate information. Sometimes entire oligosaccharides are encoded in one single residue. Information about carbohydrate linkages is often missing, and if it is present, it is not in a unique format and therefore also difficult to find.

Abbreviations: pdb2linucs

Resource Type: service resource, data analysis service, production service resource, analysis service resource

Defining Citation: PMID:15010309

Keywords: carbohydrate, linucs, iupac, structure

Funding: DFG

Availability: Public, Acknowledgement requested

Resource Name: pdb2linucs

Resource ID: SCR_001566

Alternate IDs: nlx_152879

Old URLs: http://www.dkfz-heidelberg.de/spec/pdb2linucs/

Record Creation Time: 20220129T080208+0000

Record Last Update: 20250407T215220+0000

Ratings and Alerts

No rating or validation information has been found for pdb2linucs.

No alerts have been found for pdb2linucs.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Lütteke T, et al. (2012) The use of glycoinformatics in glycochemistry. Beilstein journal of organic chemistry, 8, 915.