

Resource Summary Report

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NMR Restraints Grid

RRID:SCR_006127

Type: Tool

Proper Citation

NMR Restraints Grid (RRID:SCR_006127)

Resource Information

URL: <http://restraintsgrid.bmrwisc.edu/NRG/MRGridServlet>

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Description: Original NMR (nuclear magnetic resonance) data as collected for over 2500 protein and nucleic acid structures with corresponding PDB entries. In addition to the original restraints, most of the distance, dihedral angle and RDC restraint data (>85%) were parsed, and those in over 500 entries were converted and filtered. The converted and filtered data sets constitute the Database Of Converted Restraints (DOCR) and the Filtered Restraints Database (FRED) respectively as described in the references. There are 9,672,968 parsed constraints in 7159 entries. (Mar. 2013)

Abbreviations: NMR Restraints Grid

Synonyms: BMRB NMR Restraints Grid

Resource Type: image collection, data or information resource, database

Defining Citation: [PMID:12766409](#), [PMID:16041478](#)

Keywords: nmr, biomolecule, structure, magnetic resonance, database of converted restraint, filtered restraints database, fred, mri, protein, nucleic acid

Funding: European Union FP6 contract QLG2-CT-2000-01313;
NLM LM05799

Availability: Please acknowledge the references in publications where the data from this site have been utilized.

Resource Name: NMR Restraints Grid

Resource ID: SCR_006127

Alternate IDs: nlx_151606

Record Creation Time: 20220129T080234+0000

Record Last Update: 20260804T043301+0000

Ratings and Alerts

No rating or validation information has been found for NMR Restraints Grid.

No alerts have been found for NMR Restraints Grid.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.