Biological Magnetic Resonance Data Bank (BMRB)
RRID:SCR_002296
Type: Tool

Proper Citation

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Resource Information

URL: http://www.bmrb.wisc.edu/

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Description: Public depository that collects, annotates, archives, and disseminates important spectral and quantitative data derived from nuclear magnetic resonance spectroscopic investigations of biological macromolecules and metabolites. Provides reference information and maintains a collection of NMR pulse sequences and computer software for biomolecular NMR.

Abbreviations: BioMagResBank


Resource Type: storage service resource, database, service resource, data or information resource, data repository

Defining Citation: PMID:18288446, PMID:17984079, PMID:12766409

Keywords: magnetic resonance, data bank, depository, database, data repository, spectral data, quantitative data, nmr, spectroscopy, macromolecule, metabolite, metabolomics, FASEB list

Funding Agency: NLM

Availability: Public, Acknowledgement requested, The community can contribute to this resource, Free
Resource Name: Biological Magnetic Resonance Data Bank (BMRB)

Resource ID: SCR_002296

Alternate IDs: nif-0000-21058

Ratings and Alerts

No rating or validation information has been found for Biological Magnetic Resonance Data Bank (BMRB).

No alerts have been found for Biological Magnetic Resonance Data Bank (BMRB).

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 679 mentions in open access literature.

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

Politi MD, et al. (2023) 1H, 13C, 15N backbone resonance assignment of apo and ADP-ribose bound forms of the macro domain of Hepatitis E virus through solution NMR spectroscopy. Biomolecular NMR assignments, 17(1), 1.


Bej A, et al. (2022) Chemical shift assignments of calmodulin bound to a C-terminal site (residues 1120-1147) in the ?-subunit of a retinal cyclic nucleotide-gated channel (CNGB1). Biomolecular NMR assignments, 16(2), 337.

Davis JL, et al. (2022) 1H, 13C, and 15N resonance assignments of a conserved putative cell wall binding domain from Enterococcus faecalis. Biomolecular NMR assignments, 16(2), 247.


Maass T, et al. (2022) Assignment of Ala, Ile, LeuproS, Met, and ValproS methyl groups of the protruding domain of murine norovirus capsid protein VP1 using methyl-methyl NOEs, site directed mutagenesis, and pseudocontact shifts. Biomolecular NMR assignments, 16(1), 97.

Mushtaq AU, et al. (2022) Backbone chemical shift assignment and dynamics of the N-terminal domain of ClpB from Francisella tularensis type VI secretion system. Biomolecular NMR assignments, 16(1), 75.


Tikhonova E, et al. (2022) Structural basis for interaction between CLAMP and MSL2 proteins involved in the specific recruitment of the dosage compensation complex in Drosophila. Nucleic acids research, 50(11), 6521.

de Jesus V, et al. (2022) NMR assignment of non-modified tRNAIle from Escherichia coli. Biomolecular NMR assignments, 16(1), 165.

Bej A, et al. (2022) Chemical shift assignments of calmodulin bound to the ?-subunit of a retinal cyclic nucleotide-gated channel (CNGB1). Biomolecular NMR assignments, 16(1), 147.

Sharma AK, et al. (2022) NMR 1H, 13C, 15N backbone resonance assignments of the T35S and oncogenic T35S/Q61L mutants of human KRAS4b in the active, GppNHp-bound
conformation. Biomolecular NMR assignments, 16(1), 1.

Fourkiotis NK, et al. (2022) NMR study of human macroPARPs domains: 1H, 15N and 13C resonance assignment of hPARP14 macro domain 2 in the free and the ADPr bound state. Biomolecular NMR assignments, 16(2), 399.