Resource Summary Report

Generated by dkNET on Apr 29, 2025

Thermodynamic Database for Nucleic Acids

RRID:SCR_007770
Type: Tool

Proper Citation

Thermodynamic Database for Nucleic Acids (RRID:SCR_007770)

Resource Information

URL: http://www.ncbi.nlm.nih.gov/pmc/articles/PMC29845/

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Description: NTDB is a database is a collection of thermodynamic and structural data, experimental methods, conditions and relevant literature citations on nucleic acids. This database is updated continuously. The thermodynamic data of interest can be searched by structural features, thermodynamic parameters, experimental methods and the use of citation. Tools relating to the thermodynamic properties of nucleic acids are also made available in this database and can be applied to predict thermal denaturation profiles, free energy, etc. Some related links are also available. Users are encouraged to deposit new thermodynamic data on nucleic acids to this database.

Synonyms: NTDB

Resource Type: data or information resource, database

Defining Citation: PMID:11125100

Funding:

Resource Name: Thermodynamic Database for Nucleic Acids

Resource ID: SCR_007770

Alternate IDs: nif-0000-03204

Record Creation Time: 20220129T080243+0000

Record Last Update: 20250429T055159+0000

Ratings and Alerts

No rating or validation information has been found for Thermodynamic Database for Nucleic Acids.

No alerts have been found for Thermodynamic Database for Nucleic Acids.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Li Z, et al. (2024) Simulating Metal-Imidazole Complexes. Journal of chemical theory and computation, 20(15), 6706.

Solov'yov AV, et al. (2024) Condensed Matter Systems Exposed to Radiation: Multiscale Theory, Simulations, and Experiment. Chemical reviews, 124(13), 8014.

Malik A, et al. (2007) Databases and QSAR for cancer research. Cancer informatics, 2, 99.

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