

Resource Summary Report

Generated by [kravitz2](#) on Sep 5, 2026

Disease Ontology

RRID:SCR_003491

Type: Tool

Proper Citation

Disease Ontology (RRID:SCR_003491)

Resource Information

URL: http://do-wiki.nubic.northwestern.edu/index.php/Main_Page

Proper Citation: Disease Ontology (RRID:SCR_003491)

Description: Open source ontology for the integration of biomedical data associated with human disease. This community-driven ontology links disparate datasets through disease concepts. A computable structure of inheritable, environmental and infectious origins of human disease will be provided to facilitate the connection of genetic data, clinical data, and symptoms through the lens of human disease. The Ontology enables the cross-walk between disease concepts, genes contributing to disease, and associated symptoms, findings and signs.

Abbreviations: DO

Resource Type: controlled vocabulary, ontology, wiki, narrative resource, data or information resource

Defining Citation: [PMID:22080554](#)

Keywords: disease, biomedical, genetic, clinical, symptom, clinical research, medicine, genetic disease, environmental disease, infectious disease, phenotype, environment, bio.tools

Funding: NCRR R01RR025342

Availability: Licensed, Open source, The community can contribute to this resource

Resource Name: Disease Ontology

Resource ID: SCR_003491

Alternate IDs: biotools:disease_ontology

Alternate URLs: <http://disease-ontology.org/>, https://bio.tools/disease_ontology

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Record Creation Time: 20220129T080219+0000

Record Last Update: 20260903T234632+0000

Ratings and Alerts

No rating or validation information has been found for Disease Ontology.

No alerts have been found for Disease Ontology.

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 [kravitz2](#) .

Kibbe WA, et al. (2015) Disease Ontology 2015 update: an expanded and updated database of human diseases for linking biomedical knowledge through disease data. Nucleic acids research, 43(Database issue), D1071.

Wu TJ, et al. (2015) Generating a focused view of disease ontology cancer terms for pan-cancer data integration and analysis. Database : the journal of biological databases and curation, 2015, bav032.

Hwang S, et al. (2014) MORPHIN: a web tool for human disease research by projecting model organism biology onto a human integrated gene network. Nucleic acids research, 42(Web Server issue), W147.

Burton BR, et al. (2014) Sequential transcriptional changes dictate safe and effective antigen-specific immunotherapy. Nature communications, 5, 4741.