

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

CarbonylDB

RRID:SCR_023924

Type: Tool

Proper Citation

CarbonylDB (RRID:SCR_023924)

Resource Information

URL: <http://carbonyldb.missouri.edu/CarbonylDB/index.php/>

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Description: Curated data resource of protein carbonylation sites. Manually curated data resource of experimentally confirmed carbonylated proteins and sites. Provides information on other related resources such as list of other oxidative protein modification databases, list of protein oxidation and carbonylation prediction tools.

Resource Type: data or information resource, database

Defining Citation: [PMID:29509874](#)

Keywords: Curated data, protein carbonylation site, chemically diverse form, irreversible oxidative post translational modifications,

Funding: Danish Council for Independent Research–Technology and Production Sciences ;
NIGMS R01 GM100701

Availability: Free, Available for download, Freely available

Resource Name: CarbonylDB

Resource ID: SCR_023924

Record Creation Time: 20230810T050223+0000

Record Last Update: 20260912T200307+0000

Ratings and Alerts

No rating or validation information has been found for CarbonylDB.

No alerts have been found for CarbonylDB.

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](#) .

Phung TK, et al. (2024) CURTAIN-A unique web-based tool for exploration and sharing of MS-based proteomics data. Proceedings of the National Academy of Sciences of the United States of America, 121(7), e2312676121.