

Resource Summary Report

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ReDU

RRID:SCR_025105

Type: Tool

Proper Citation

ReDU (RRID:SCR_025105)

Resource Information

URL: <https://redu.ucsd.edu/>

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Description: Software framework to find and re-analyze public Mass Spectrometry data. Used to find uniformly formatted public MS/MS data in the Global Natural Product Social Molecular Networking Platform (GNPS) via formatted metadata. New or previously collected data can be added provided they adhere to the ReDU metadata standards (the implemented drag-and-drop validator is applicable to any scientific data) and data are available in GNPS/MassIVE.

Synonyms: Reanalysis of Data User

Resource Type: data access protocol, software resource, web service

Defining Citation: [PMID:32807955](#)

Keywords: Mass Spectrometry data, find uniformly formatted public MS/MS data, formatted metadata, Global Natural Product Social Molecular Networking Platform, GNPS, find and re-analyze public Mass Spectrometry data, ReDU metadata standards, data validator,

Funding: American Society for Mass Spectrometry ;
FAPESP ;
Gordon and Betty Moore Foundation ;
Krupp Endowed Fund ;
NCI R03 CA211211;
Netherlands eScience Center ;
NIGMS P41 GM103484;
NIGMS R01 GM107550;
NSF ;
Sloan Foundation ;
University of California ;

San Diego Center for Microbiome Innovation SEED grants ;
US Office of Naval Research

Availability: Free, Freely available

Resource Name: ReDU

Resource ID: SCR_025105

Record Creation Time: 20240318T174908+0000

Record Last Update: 20260912T200437+0000

Ratings and Alerts

No rating or validation information has been found for ReDU.

No alerts have been found for ReDU.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [Kravitz](#) .

Quiros-Guerrero LM, et al. (2024) Comprehensive mass spectrometric metabolomic profiling of a chemically diverse collection of plants of the Celastraceae family. Scientific data, 11(1), 415.

Allard PM, et al. (2022) Open and reusable annotated mass spectrometry dataset of a chemodiverse collection of 1,600 plant extracts. GigaScience, 12.