

Resource Summary Report

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MassQL

RRID:SCR_025106

Type: Tool

Proper Citation

MassQL (RRID:SCR_025106)

Resource Information

URL: <https://github.com/mwang87/MassQueryLanguage>

Proper Citation: MassQL (RRID:SCR_025106)

Description: Software application for universal searching of Mass Spectrometry data. Open source MS query language for flexible and mass spectrometer manufacturer-independent mining of MS data. Implements common MS terminology to build consensus vocabulary to search for MS patterns in single mass spectrometry run. Enables set of mass spectrometry patterns to be queried directly from raw data.

Synonyms: Mass Spec Query Language

Resource Type: software resource, source code

Defining Citation: [DOI:10.1101/2022.08.06.503000](https://doi.org/10.1101/2022.08.06.503000)

Keywords: Mass Spectrometry data searching, mass spectrometry data, mining of MS data, common MS terminology, mass spectrometry patterns, raw data query,

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Betty and Gordon Moore Foundation ;
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NIAID R15 AI137996;
NIAID R21 AI156669;
NIGMS R01 GM107550;
NIGMS R01 GM125943;

NIGMS R35 GM128690;
Novo Nordisk Foundation ;
Denmark ;
NSF ;
Swedish Research Council ;
U.S. Department of Energy Joint Genome Institute ;
University of Michigan

Availability: Free, Available for download, Freely available

Resource Name: MassQL

Resource ID: SCR_025106

Alternate URLs: <https://pypi.org/project/massql/>

License: MIT license

Record Creation Time: 20240318T174908+0000

Record Last Update: 20260912T200437+0000

Ratings and Alerts

No rating or validation information has been found for MassQL.

No alerts have been found for MassQL.

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](#) .

Damiani T, et al. (2025) A universal language for finding mass spectrometry data patterns. Nature methods, 22(6), 1247.