

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 30, 2026

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: source code, software resource

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,

Funding: NIGMS R01 GM125943;
NIGMS R01 GM107550;
NIGMS R35 GM128690;
NIAID R21 AI156669;
NIAID R15 AI137996;
NSF ;
Burroughs Wellcome Fund ;
University of Michigan ;
National Research Foundation of Korea ;
German Research Foundation ;
Swedish Research Council ;
Ministry of Innovative Development of the Republic of Uzbekistan ;
German Ministry for Education and Research ;
Horizon 2020 programme of the European Union ;

Czech Science Foundation ;
U.S. Department of Energy Joint Genome Institute ;
National Cancer Center Research and Development Fund ;
AMED Japan Program for Infectious Diseases Research and Infrastructure ;
Novo Nordisk Foundation ;
Denmark ;
Betty and Gordon Moore Foundation

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: 20260729T044616+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 [PRECISE-TBI](#) .

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