

Resource Summary Report

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EL MAVEN

RRID:SCR_022159

Type: Tool

Proper Citation

EL MAVEN (RRID:SCR_022159)

Resource Information

URL: <https://elucidata.io/el-maven/>

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Description: Open source LC-MS data processing engine for simplifying metabolomics analysis. Mass spectrometry data processing engine that is optimal for isotopomer labeling and global metabolomic profiling experiments. Interactive software platform that accelerates analysis of LC-MS, GC-MS, and LC-MS/MS datasets.

Synonyms: EL-MAVEN

Resource Type: data processing software, software application, data analysis software, software resource

Defining Citation: [PMID:31119671](#)

Keywords: Mass spectrometry data processing engine, metabolomics analysis, LC-MS data analysis, metabolomic datasets analysis, Elucidata, MAVEN

Availability: Free, Available for download, Freely available

Resource Name: EL MAVEN

Resource ID: SCR_022159

Alternate URLs: <https://github.com/ElucidataInc/ElMaven>

License: GNU GPL v2.0

Record Creation Time: 20220421T050139+0000

Record Last Update: 20260815T042842+0000

Ratings and Alerts

No rating or validation information has been found for EL MAVEN.

No alerts have been found for EL MAVEN.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Savani MR, et al. (2026) Nitrogen metabolism profiling reveals cell state-specific pyrimidine synthesis pathway choice. *Nature metabolism*, 8(5), 1124.

Singh JB, et al. (2025) CLN3 disease disrupts very early postnatal hippocampal maturation. *Scientific reports*, 15(1), 24411.

Cherkaoui S, et al. (2025) Reprogramming neuroblastoma by diet-enhanced polyamine depletion. *Nature*, 646(8085), 707.

Savani MR, et al. (2025) Nitrogen metabolism profiling reveals cell state-specific pyrimidine synthesis pathway choice. *bioRxiv : the preprint server for biology*.

Cherkaoui S, et al. (2024) Reprogramming neuroblastoma by diet-enhanced polyamine depletion. *bioRxiv : the preprint server for biology*.

Radenkovic S, et al. (2024) Neural and metabolic dysregulation in PMM2-deficient human in vitro neural models. *Cell reports*, 43(3), 113883.

Radenkovic S, et al. (2023) Tracer metabolomics reveals the role of aldose reductase in glycosylation. *Cell reports. Medicine*, 4(6), 101056.

Maier CR, et al. (2023) USP28 controls SREBP2 and the mevalonate pathway to drive tumour growth in squamous cancer. *Cell death and differentiation*, 30(7), 1710.

Williams A, et al. (2023) Peeling back the layers of coral holobiont multi-omics data. *iScience*, 26(9), 107623.

Leone MA, et al. (2023) Phase I clinical trial of intracerebroventricular transplantation of allogeneic neural stem cells in people with progressive multiple sclerosis. *Cell stem cell*, 30(12), 1597.