

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 7, 2026

[MetaMapR](#)

RRID:SCR_014685

Type: Tool

Proper Citation

MetaMapR (RRID:SCR_014685)

Resource Information

URL: <http://dgrapov.github.io/MetaMapR/>

Proper Citation: MetaMapR (RRID:SCR_014685)

Description: An open-source software program for integrating enzymatic transformations with metabolite structural similarity, mass spectral similarity and empirical associations to generate connected metabolic networks and display results using data visualization techniques.

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

Defining Citation: [PMID:25847005](#)

Keywords: metabolomics, metabolomics tool, enzymatic transformations, metabolite structural similarity, mass spectral similarity, metabolic networks, data visualization, bio.tools

Availability: Open source

Resource Name: MetaMapR

Resource ID: SCR_014685

Alternate IDs: biotools:metamapr

Alternate URLs: <https://bio.tools/metamapr>

License: GNU General Public License version 3

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260905T132749+0000

Ratings and Alerts

No rating or validation information has been found for MetaMapR.

No alerts have been found for MetaMapR.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Rajula HSR, et al. (2025) Metabolomics Network Analysis of Various Genotypes Associated with Schizophrenia Gene Variant. Metabolites, 15(8).

Banimfreg BH, et al. (2022) Survey for Computer-Aided Tools and Databases in Metabolomics. Metabolites, 12(10).

Mussap M, et al. (2020) The Urine Metabolome of Young Autistic Children Correlates with Their Clinical Profile Severity. Metabolites, 10(11).

Dewan N, et al. (2020) Exposure to recurrent hypoglycemia alters hippocampal metabolism in treated streptozotocin-induced diabetic rats. CNS neuroscience & therapeutics, 26(1), 126.

Tugizimana F, et al. (2018) Metabolomic Analysis of Defense-Related Reprogramming in Sorghum bicolor in Response to Colletotrichum sublineolum Infection Reveals a Functional Metabolic Web of Phenylpropanoid and Flavonoid Pathways. Frontiers in plant science, 9, 1840.

Koronowski KB, et al. (2018) Metabolomics Based Identification of SIRT5 and Protein Kinase C Epsilon Regulated Pathways in Brain. Frontiers in neuroscience, 12, 32.

Showalter MR, et al. (2018) Obesogenic diets alter metabolism in mice. PloS one, 13(1), e0190632.

Rusconi B, et al. (2018) Gut Sphingolipid Composition as a Prelude to Necrotizing Enterocolitis. Scientific reports, 8(1), 10984.

Misra BB, et al. (2015) The guard cell metabolome: functions in stomatal movement and global food security. Frontiers in plant science, 6, 334.