

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 17, 2026

[lilikoi](#)

RRID:SCR_016361

Type: Tool

Proper Citation

lilikoi (RRID:SCR_016361)

Resource Information

URL: <https://github.com/lanagarmire/lilikoi>

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Description: Software tool as an R package for personalized pathway-based classification modeling using metabolomics data. Provides personalized pathway deregulation measurements (PDS scores) and offers a standardized classification model for biomarker prediction.

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

Defining Citation: [DOI:https://doi.org/10.1101/283408](https://doi.org/10.1101/283408)

Keywords: personalized, medicine, metabolomics, data, classification, clustering, biomarker, prediction, algorithm, calculating, microarray, enrichment

Funding: NICHD R01 HD084633;
NIEHS K01 ES025434;
NIGMS GM103457;
NLM R01 LM012373

Availability: Free, Available for download, Freely available

Resource Name: lilikoi

Resource ID: SCR_016361

Alternate URLs: <https://omictools.com/lilikoi-tool>

License: GNU General Public License version 3.0

Record Creation Time: 20220129T080330+0000

Record Last Update: 20260912T195838+0000

Ratings and Alerts

No rating or validation information has been found for lilikoi.

No alerts have been found for lilikoi.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Gao Y, et al. (2024) Development and applications of metabolic models in plant multi-omics research. *Frontiers in plant science*, 15, 1361183.

Razzaq A, et al. (2019) Metabolomics: A Way Forward for Crop Improvement. *Metabolites*, 9(12).

Al-Akwaa FM, et al. (2018) Lilikoi: an R package for personalized pathway-based classification modeling using metabolomics data. *GigaScience*, 7(12).