

# Resource Summary Report

Generated by [dkNET](#) on Apr 24, 2025

## RMassBank

RRID:SCR\_002797

Type: Tool

---

### Proper Citation

RMassBank (RRID:SCR\_002797)

---

### Resource Information

**URL:** <http://www.bioconductor.org/packages/release/bioc/html/RMassBank.html>

**Proper Citation:** RMassBank (RRID:SCR\_002797)

**Description:** Workflow software to process tandem MS files and build MassBank records. Functions include automated extraction of tandem MS spectra, formula assignment to tandem MS fragments, recalibration of tandem MS spectra with assigned fragments, spectrum cleanup, automated retrieval of compound information from Internet databases, and export to MassBank records.

**Resource Type:** data processing software, workflow software, software resource, software application

**Keywords:** standalone software, mac os x, unix/linux, windows, r, mass spectrometry, metabolomics

**Funding:**

**Availability:** Artistic License, v2

**Resource Name:** RMassBank

**Resource ID:** SCR\_002797

**Alternate IDs:** OMICS\_02657

**Record Creation Time:** 20220129T080215+0000

**Record Last Update:** 20250424T064605+0000

---

## Ratings and Alerts

No rating or validation information has been found for RMassBank.

No alerts have been found for RMassBank.

---

## Data and Source Information

**Source:** [SciCrunch Registry](#)

---

## Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Janho Dit Hreich S, et al. (2024) Activation of the P2RX7/IL-18 pathway in immune cells attenuates lung fibrosis. *eLife*, 12.

Elapavalore A, et al. (2023) Adding open spectral data to MassBank and PubChem using open source tools to support non-targeted exposomics of mixtures. *Environmental science. Processes & impacts*, 25(11), 1788.

Ruttkies C, et al. (2019) Supporting non-target identification by adding hydrogen deuterium exchange MS/MS capabilities to MetFrag. *Analytical and bioanalytical chemistry*, 411(19), 4683.

Oberacher H, et al. (2018) Annotating Nontargeted LC-HRMS/MS Data with Two Complementary Tandem Mass Spectral Libraries. *Metabolites*, 9(1).

Schymanski EL, et al. (2017) Critical Assessment of Small Molecule Identification 2016: automated methods. *Journal of cheminformatics*, 9(1), 22.