

Package ‘AHMassBank’

April 3, 2025

Type Package

Title MassBank Annotation Resources for AnnotationHub

Version 1.7.1

Encoding UTF-8

Depends R (>= 4.2)

Imports AnnotationHubData (>= 1.5.24)

Suggests BiocStyle, knitr, AnnotationHub (>= 2.7.13), rmarkdown,
methods, CompoundDb (>= 1.1.4)

Description Supplies AnnotationHub with MassBank metabolite/compound annotations bundled in CompDb SQLite databases. CompDb SQLite databases contain general compound annotation as well as fragment spectra representing fragmentation patterns of compounds' ions. MassBank data is retrieved from <https://massbank.eu/MassBank> and processed using helper functions from the CompoundDb Bioconductor package into redistributable SQLite databases.

VignetteBuilder knitr

License Artistic-2.0

LazyLoad yes

BugReports <https://github.com/jorainer/AHMassBank/issues>

URL <https://github.com/jorainer/AHMassBank>

biocViews MassSpectrometry, AnnotationHubSoftware

Roxygen list(markdown=TRUE)

RoxygenNote 7.2.3

git_url <https://git.bioconductor.org/packages/AHMassBank>

git_branch devel

git_last_commit 948955c

git_last_commit_date 2025-02-25

Repository Bioconductor 3.21

Date/Publication 2025-04-03

Author Johannes Rainer [cre] (ORCID: <<https://orcid.org/0000-0002-6977-7147>>)

Maintainer Johannes Rainer <Johannes.Rainer@eurac.edu>

Contents

| | |
|------------------------------|----------|
| AHMassBank-package | 2 |
| Index | 3 |

| | |
|--------------------|--|
| AHMassBank-package | <i>AHMassBank: MassBank Annotation Resources for AnnotationHub</i> |
|--------------------|--|

Description

Supplies AnnotationHub with MassBank metabolite/compound annotations bundled in CompDb SQLite databases. CompDb SQLite databases contain general compound annotation as well as fragment spectra representing fragmentation patterns of compounds' ions. MassBank data is retrieved from <https://massbank.eu/MassBank> and processed using helper functions from the CompoundDb Bioconductor package into redistributable SQLite databases.

Author(s)

Maintainer: Johannes Rainer <Johannes.Rainer@eurac.edu> ([ORCID](#))

See Also

Useful links:

- <https://github.com/jorainer/AHMassBank>
- Report bugs at <https://github.com/jorainer/AHMassBank/issues>

Index

* **internal**

AHMassBank-package, [2](#)

AHMassBank (AHMassBank-package), [2](#)

AHMassBank-package, [2](#)