Package ‘AHMassBank’

May 29, 2024

Type Package

Title MassBank Annotation Resources for AnnotationHub

Version 1.4.0

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 RELEASE_3_19

git_last_commit bcc7fa7

git_last_commit_date 2024-04-30

Repository Bioconductor 3.19

Date/Publication 2024-05-29

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

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

AHMassBank-package .................................................. 2

Index ............................................................... 3

AHMassBank-package

AHMassBank: MassBank Annotation Resources for AnnotationHub

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
Index

* internal
  AHMassBank-package, 2

AHMassBank (AHMassBank-package), 2
AHMassBank-package, 2