

# Package ‘AHMassBank’

October 15, 2023

**Type** Package

**Title** MassBank Annotation Resources for AnnotationHub

**Version** 1.0.0

**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\_17

**git\_last\_commit** 6b6c996

**git\_last\_commit\_date** 2023-04-25

**Date/Publication** 2023-10-15

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

## R topics documented:

AHMassBank-package . . . . .	2
<b>Index</b>	<b>3</b>

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

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### 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](#)