

# Package ‘iontreeData’

October 7, 2015

**Type** Package

**Title** Data provided to show the usage of functions in iontree package

**Version** 1.4.0

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**Maintainer** Mingshu Cao <mingshu.cao@agresearch.co.nz>

**Description** Raw MS2, MS3 scans from direct infusion mass spectrometry (DIMS) and a demo ion tree database 'mzDB' derived from the DIMS data are included. The demo database is used to show the functionalities provided by the 'iontree' package, not for the purpose of compound identification by any means.

**License** GPL-2

**biocViews** ExperimentData, MassSpectrometryData

**LazyLoad** yes

**NeedsCompilation** no

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iontreeData-package    *Data for iontree package*

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## Description

There are 3 data sets including raw MS2, MS3 scans 'MS2RAW', 'MS3RAW' and a SQLite-based ion tree database named 'mzDB'.

## Details

Package: iontreeData  
Type: Package  
Version: 0.99.0  
License: GPL-2  
LazyLoad: yes

**Author(s)**

Mingshu Cao <mingshu.cao@agresearch.co.nz>

**References**

Cao M, Koulman A, Johnson LJ, Lane GA and Rasmussen S. 2008. Plant Physiology 146:4

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MS2RAW

*All the MS2 scans from 4 samples*

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**Description**

MS2RAW data from direct infusion mass spectrometry.

**Usage**

```
data(MS2RAW)
```

**Format**

see examples

**Source**

Cao M, Koulman A, Johnson LJ, Lane GA and Rasmussen S. 2008. Plant Physiology 146:4

**Examples**

```
data(MS2RAW)  
length(MS2RAW)  
attributes(MS2RAW[[1]])
```

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MS3RAW

*All the MS3 scans from 4 samples*

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**Description**

MS3RAW data from direct infusion mass spectrometry.

**Usage**

`data(MS3RAW)`

**Format**

see examples

**Source**

Cao M, Koulman A, Johnson LJ, Lane GA and Rasmussen S. 2008. *Plant Physiology* 146:4

**Examples**

`data(MS3RAW)`

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