

Package ‘affycompData’

October 16, 2021

Version 1.30.0

Title affycomp data

Author Rafael A. Irizarry <rafa@jhu.edu> and Zhijin Wu
<zwu@stat.brown.edu> with contributions from Simon Cawley
<simon_cawley@affymetrix.com>

Maintainer Harris Jaffee <hj@jhu.edu>

Depends R (>= 2.13.0), methods, Biobase (>= 2.3.3), affycomp

Description Data needed by the affycomp package.

License GPL (>= 2)

biocViews MicroarrayData

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

git_branch RELEASE_3_13

git_last_commit b8d5d95

git_last_commit_date 2021-05-19

Date/Publication 2021-10-16

R topics documented:

lw.sd.assessment	1
mas5.assessment	2
rma.assessment	2
rma.sd.assessment	3

Index	4
--------------	----------

lw.sd.assessment	<i>An example of the result of an SD assessment</i>
------------------	---

Description

The Dilution files were processed with the dChip package (using PM-only), and then the function [assessSD](#) from the affycomp package was applied.

Usage

```
data(lw.sd.assessment)
```

Format

A list.

mas5.assessment	<i>Examples of the result of assessments</i>
-----------------	--

Description

The Dilution and both (HGU95 and HGU133) types of Spike-in data were processed with Affymetrix MAS 5.0 software, yielding three "MAS 5.0" [ExpressionSet](#)'s. (These are available, in csv-format, at <http://affycomp.jhsph.edu/AFFY2/rafa@jhu.edu/030424.1033/>.) Then various assessment functions from the affycomp package (most recently, version 1.28.0) were applied. mas5.assessment resulted from [assessAll](#) on Dilution and HGU95; mas5.assessment.133 from [assessSpikeIn](#) on HGU133; mas5.assessment2 from [assessSpikeIn2](#) on HGU95; and mas5.assessment2.133 from [assessSpikeIn2](#) on HGU133.

Usage

```
data(mas5.assessment)
data(mas5.assessment.133)
data(mas5.assessment2)
data(mas5.assessment2.133)
```

Format

A list of list.

rma.assessment	<i>Examples of the result of assessments</i>
----------------	--

Description

The Dilution and both (HGU95 and HGU133) types of Spike-in data were processed with the (version 1.0) function [rma](#), yielding three "RMA" [ExpressionSet](#)'s. (These are available, in csv-format, at <http://affycomp.jhsph.edu/AFFY2/rafa@jhu.edu/030429.1332/>.) Then various assessment functions from the affycomp package (most recently, version 1.28.0) were applied. rma.assessment resulted from [assessAll](#) on Dilution and HGU95; rma.assessment.133 from [assessSpikeIn](#) on HGU133; rma.assessment2 from [assessSpikeIn2](#) on HGU95; and rma.assessment2.133 from [assessSpikeIn2](#) on HGU133.

Usage

```
data(rma.assessment)
data(rma.assessment.133)
data(rma.assessment2)
data(rma.assessment2.133)
```

Format

A list of list.

`rma.sd.assessment` *An example of the result of an SD assessment*

Description

The Dilution files were processed with the `affy` version 1.0 package `rma` add-on function, and then the function `assessSD` from the `affycomp` package was applied.

Usage

```
data(rma.sd.assessment)
```

Format

A list.

Index

* datasets

- lw.sd.assessment, 1
- mas5.assessment, 2
- rma.assessment, 2
- rma.sd.assessment, 3

- assessAll, 2
- assessSD, 1, 3
- assessSpikeIn, 2
- assessSpikeIn2, 2

- ExpressionSet, 2

- lw.sd.assessment, 1

- mas5.assessment, 2
- mas5.assessment2 (mas5.assessment), 2

- rma, 2
- rma.assessment, 2
- rma.assessment2 (rma.assessment), 2
- rma.sd.assessment, 3