Package 'affycompData'

October 17, 2024

Version 1.42.0

Title affycomp data

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

Maintainer Robert D Shear <rshear@ds.dfci.harvard.edu>

URL https://bioconductor.org/packages/affycompData

BugReports https://github.com/rafalab/affyCompData/issues

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_19

git_last_commit 59d20c9

git_last_commit_date 2024-04-30

Repository Bioconductor 3.19

Date/Publication 2024-10-17

Contents

lw.sd.assessment *An example of the result of an SD assessment*

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 *Examples of the result of assessments*

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 *Examples of the result of assessments*

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