

Package ‘affydata’

February 29, 2024

Version 1.50.0

Date 2011-10

Title Affymetrix Data for Demonstration Purpose

Author Laurent Gautier <laurent@cbs.dtu.dk>

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

URL <https://bioconductor.org/packages/affydata>

BugReports <https://github.com/rafalab/affydata/issues>

Depends R (>= 2.4.0), affy (>= 1.23.4)

Imports methods

Suggests hgu95av2cdf, hgu133acdf

Description Example datasets of a slightly large size. They represent 'real world examples', unlike the artificial examples included in the package affy.

License GPL (>= 2)

biocViews ExperimentData, Tissue, MicroarrayData, TissueMicroarrayData

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

git_branch RELEASE_3_18

git_last_commit 203e040

git_last_commit_date 2023-10-24

Repository Bioconductor 3.18

Date/Publication 2024-02-29

R topics documented:

Dilution	2
Index	3

Dilution	<i>AffyBatch instance Dilution</i>
----------	------------------------------------

Description

This `AffyBatch-class` object represents part of a dilution experiment dataset.

Usage

```
data(Dilution)
```

Format

An `AffyBatch-class` object containing 4 arrays.

Source

Two sources of cRNA A (human liver tissue) and B (Central Nervous System cell line) have been hybridized to human array (HGU95A) in a range of proportions and dilutions. This data set is taken from arrays hybridized to source A at 10.0 and 20 μg . We have two replicate arrays for each generated cRNA. Three scanners have been used in this study. Each array replicate was processed in a different scanner.

For more information see Gautier et al., *affy - Analysis of Affymetrix GeneChip data at the probe level* <http://bioinformatics.oxfordjournals.org/content/20/3/307.full.pdf> *Bioinformatics*, 2004

Index

* **datasets**

Dilution, [2](#)

Dilution, [2](#)