Package ‘affydata’

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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

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Contents

`Dilution` *AffyBatch instance Dilution*

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

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