Package 'affydata'

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Title Affymetrix Data for Demonstration Purpose

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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.

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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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