

# Package ‘affydata’

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**Version** 1.20.0

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**Title** Affymetrix Data for Demonstration Purpose

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

**Maintainer** Harris Jaffee <hj@jhu.edu>

**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

**NeedsCompilation** no

## R topics documented:

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Dilution	<i>AffyBatch instance Dilution</i>
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### 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  $\mu$ g. 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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\*Topic **datasets**

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