SpikeInSubset

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R topics documented:

SpikeIn   *Subset of Affymetrix SpikeIn Experiment Data*

Description

Probe-level and pre-proecssed data for six arrays (two triplicates) from the HGU95 and HGU133 SpikeIn experiments.

Usage

```
data(spikein95)
data(rma95)
data(mas95)

data(spikein133)
data(rma133)
data(mas133)
```

Format

SpikeIn is ProbeSet containing the PM and MM intensities for a gene spiked in at different concentrations. Use pData to see the cosntrations.

Source

spikein95 and spikein133 are instances of ProbeSet with the probe-level data for six arrays (two triplicates) from the HGU95 and HGU133 SpikeIn experiments respectively. rma95 and rma133 contain the data pre-processed with RMA. mas95 and mas133 contain the data preprocssed with mas5 (expression and present/absent calls). The calls are in objects called pacalls95 and pacalls133.

For more information see Irizarry, R.A., et al. NAR (2003) http://www.biostat.jhsph.edu/~ririzarr/papers/index.html

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`hgu133a.spikein.xhyb`

Cross hybridizers

Description

Probe Sets likely to crosshybridize to spiked-in probesets in the Affymetrix HGU133A spike in

This objact is list. Each component of the list contains probeset names of possible crosshybridizers. The sequences of each spiked-in clone were collected and blasted against all HG-U133A target sequences. Target sequences are the 600bp regions from which probes were selected. Thresholds of 100, 150 and 200bp were used and define the three components of the list.

Usage

`data(hgu133a.spikein.xhyb)`

Format

A list

Source

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