SpikeInSubset

March 19, 2011

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

---

```
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

Simon Cawley <simon_cawley@affymetrix.com>

Index