

hgu133afrmavecs

May 14, 2025

hgu133abarcovecs *Vectors used by barcode function for hgu133a.*

Description

Parameters of the background distribution for use with the barcode function. These correspond to version 3.0 of the Gene Expression Barcode website.

Usage

```
data(hgu133abarcovecs)
```

Format

A list with 3 elements.

| | |
|---------|--------------------------------|
| mu | background means |
| tau | background standard deviations |
| entropy | observed gene entropy |

Examples

```
data(hgu133abarcovecs)  
str(hgu133abarcovecs)
```

hgu133afirmavecs *Vectors used by fRMA for hgu133a.*

Description

Frozen parameter vectors for use with the frma and GNUSE functions.

Usage

```
data(hgu133afirmavecs)
data(hgu133ahsentrezgfirmavecs)
```

Format

A list with 6 or 7 elements.

| | |
|-----------------|---|
| normVec | normalization vector |
| probeVec | probe effect vector |
| probeVarWithin | within batch probe variance |
| probeVarBetween | between batch probe variance |
| probesetSD | within probeset standard deviation |
| medianSE | median standard error for gene expression estimates |
| version | the Entrez Gene alternative CDF version if applicable |

Examples

```
data(hgu133afirmavecs)
str(hgu133afirmavecs)
```

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