

hgu133plus2frmavecs

December 25, 2024

hgu133plus2barcodevecs

Vectors used by barcode function for hgu133plus2.

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(hgu133plus2barcodevecs)
```

Format

A list with 3 elements.

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

Examples

```
data(hgu133plus2barcodevecs)  
str(hgu133plus2barcodevecs)
```

hgu133plus2frmavecs *Vectors used by fRMA for hgu133plus2.*

Description

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

Usage

```
data(hgu133plus2frmavecs)
data(hgu133plus2hsentrezgfrmavecs)
```

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(hgu133plus2frmavecs)
str(hgu133plus2frmavecs)
```

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