

hugene.1.0.st.v1frmavecs

November 20, 2024

hugene.1.0.st.v1barcodevecs

Vectors used by barcode function for hugene.1.0.st.v1.

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(hugene.1.0.st.v1barcodevecs)
```

Format

A list with 3 elements.

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

Examples

```
data(hugene.1.0.st.v1barcodevecs)  
str(hugene.1.0.st.v1barcodevecs)
```

hugene.1.0.st.v1frmavecs

Vectors used by fRMA for hugene.1.0.st.v1.

Description

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

Usage

```
data(hugene.1.0.st.v1frmavecs)
```

Format

A list with 6 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 |
| probeVecCore | exon effect vector for summarizing to core transcripts |
| mapCore | mapping between exons and core transcripts |

Examples

```
data(hugene.1.0.st.v1frmavecs)  
str(hugene.1.0.st.v1frmavecs)
```

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