

hugene.1.0.st.v1frmavecs

April 23, 2025

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.

<code>normVec</code>	normalization vector
<code>probeVec</code>	probe effect vector
<code>probeVarWithin</code>	within batch probe variance
<code>probeVarBetween</code>	between batch probe variance
<code>probesetSD</code>	within probeset standard deviation
<code>medianSE</code>	median standard error for gene expression estimates
<code>probeVecCore</code>	exon effect vector for summarizing to core transcripts
<code>mapCore</code>	mapping between exons and core transcripts

Examples

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

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