# mogene.1.0.st.v1frmavecs

October 9, 2024

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`mogene.1.0.st.v1barcodevecs`
*Vectors used by barcode function for mogene.1.0.st.v1.*

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## 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(mogene.1.0.st.v1barcodevecs)
```

## Format

A list with 3 elements.

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

## Examples

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

`mogene.1.0.st.v1frmavecs`

*Vectors used by fRMA for mogene.1.0.st.v1.*

## Description

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

## Usage

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

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