

# hgu133afrmavecs

March 25, 2026

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hgu133abarcodevecs      *Vectors used by barcode function for hgu133a.*

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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(hgu133abarcodevecs)
```

## Format

A list with 3 elements.

mu	background means
tau	background standard deviations
entropy	observed gene entropy

## Examples

```
data(hgu133abarcodevecs)  
str(hgu133abarcodevecs)
```

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hgu133afrmavecs      *Vectors used by fRMA for hgu133a.*

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## Description

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

## Usage

```
data(hgu133afrmavecs)  
data(hgu133ahsentrezgfrmavecs)
```

**Format**

A list with 6 or 7 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>version</code>	the Entrez Gene alternative CDF version if applicable

**Examples**

```
data(hgu133afmavecs)  
str(hgu133afmavecs)
```

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