

# hgu133afrmavecs

January 15, 2025

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hgu133abarcovecs      *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(hgu133abarcovecs)
```

## Format

A list with 3 elements.

mu	background means
tau	background standard deviations
entropy	observed gene entropy

## Examples

```
data(hgu133abarcovecs)  
str(hgu133abarcovecs)
```

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hgu133afirmavecs      *Vectors used by fRMA for hgu133a.*

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**Description**

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

**Usage**

```
data(hgu133afirmavecs)
data(hgu133ahsentrezgfirmavecs)
```

**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(hgu133afirmavecs)
str(hgu133afirmavecs)
```

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