

# hgu133plus2frmavecs

October 15, 2025

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hgu133plus2barcodevecs

*Vectors used by barcode function for hgu133plus2.*

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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(hgu133plus2barcodevecs)
```

## Format

A list with 3 elements.

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

## Examples

```
data(hgu133plus2barcodevecs)  
str(hgu133plus2barcodevecs)
```

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|                     |                                              |
|---------------------|----------------------------------------------|
| hgu133plus2frmavecs | <i>Vectors used by fRMA for hgu133plus2.</i> |
|---------------------|----------------------------------------------|

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**Description**

Frozen parameter vectors for use with the fRMA and GNUMSE functions.

**Usage**

```
data(hgu133plus2frmavecs)
data(hgu133plus2hsentrezgfrmavecs)
```

**Format**

A list with 6 or 7 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   |
| version         | the Entrez Gene alternative CDF version if applicable |

**Examples**

```
data(hgu133plus2frmavecs)
str(hgu133plus2frmavecs)
```

# Index

## \* **datasets**

hgu133plus2barcodevecs, [1](#)

hgu133plus2frmavecs, [2](#)

hgu133plus2barcodevecs, [1](#)

hgu133plus2frmavecs, [2](#)

hgu133plus2hsentrezgfrmavecs  
(hgu133plus2frmavecs), [2](#)