

# hthgu133afrmavecs

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hthgu133afrmavecs      *Vectors used by fRMA for hthgu133a.*

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## Description

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

## Usage

```
data(hthgu133afrmavecs)
data(hthgu133ahsentrezgfrmmavecs)
```

## 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(hthgu133afrmavecs)
str(hthgu133afrmavecs)
```

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