

# humanStemCell

August 10, 2009

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fhesc

*Data from a simple experiment on Human stem cells.*

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## Description

Human stem cells were assayed using Affymetrix 133plus 2 arrays. There were six arrays, three were biological replicates for undifferentiated cells, the other three were biological replicates for differentiated cells.

## Usage

```
data(fhesc)
```

## Format

The data are in the form of an `ExpressionSet` instance.

## Details

Human Embryonic Stem Cells, H1 Line were cultured under feeder-free conditions. Undifferentiated samples were taken from this pool. The differentiated samples were obtained by maintaining the cells in culture for 10 - 14 days in the absence of basic fibroblast growth factor and conditioned medium.

## Source

The data were obtained from Dr. M. Tewari.

## References

These data were used to prepare the book chapter, R and Bioconductor packages in bioinformatics: towards systems biology, by Nolwenn LeMeur, Michael Lawrence, Merav Bar, Muneesh Tewari and Robert Gentleman

## Examples

```
data(fhesc)
```

# Index

\*Topic **datasets**

fhesc, 1

fhesc, 1