

Package ‘gaschYHS’

September 16, 2025

Title ExpressionSet for response of yeast to heat shock and other environmental stresses

Version 1.47.0

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Description Data from PMID 11102521

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URL http://genome-www.stanford.edu/yeast_stress/data/rawdata/complete_dataset.txt

Depends R (>= 2.14.0), Biobase (>= 2.5.5)

biocViews ExperimentData, Genome, Saccharomyces_cerevisiae_Data

git_url <https://git.bioconductor.org/packages/gaschYHS>

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gaschYHS	<i>Data from PMID 11102521, Transcriptional responses of yeast to environmental stress, A Gasch and colleagues (2001)</i>
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Description

This ExpressionSet provides data on expression ratios for 173 yeast chips involving a variety of environmental stresses.

Usage

```
data(gaschYHS); data(fig3)
```

Format

The format is an [ExpressionSet](#). There is a feature data component.

Details

fig3.rda in data folder comes from

http://genome-www.stanford.edu/yeast_stress/data/figure3/figure3.cdt

as of 22 April 2012, with a read.delim, check.names=FALSE.

Source

http://genome-www.stanford.edu/yeast_stress/data/rawdata/complete_dataset.txt

References

Use annotate::pmid2MIAME(1102521)

Examples

```
library(Biobase)
data(gaschYHS)
gaschYHS
```

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* **datasets**

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