

# Package ‘gaschYHS’

March 6, 2025

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

**Version** 1.45.0

**Author** Audrey Gasch and colleagues

**Description** Data from PMID 11102521

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**License** Artistic-2.0

**URL** [http://genome-www.stanford.edu/yeast\\_stress/data/rawdata/complete\\_dataset.txt](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>

**git\_branch** devel

**git\_last\_commit** 06aa4e8

**git\_last\_commit\_date** 2024-10-29

**Repository** Bioconductor 3.21

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gaschYHS

*Data from PMID 11102521, Transcriptional responses of yeast to environmental stress, A Gasch and colleagues (2001)*

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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](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](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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