

Package ‘gaschYHS’

September 18, 2025

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

Version 1.47.0

Author Audrey Gasch and colleagues

Description Data from PMID 11102521

Maintainer Vince Carey <stvjc@channing.harvard.edu>

License Artistic-2.0

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>

git_branch devel

git_last_commit 78b344b

git_last_commit_date 2025-04-15

Repository Bioconductor 3.22

Date/Publication 2025-09-18

Contents

gaschYHS	1
Index	3

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

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
```

Index

* **datasets**

gaschYHS, [1](#)

ExpressionSet, [2](#)

fig3 (gaschYHS), [1](#)

gaschYHS, [1](#)