Package 'lungExpression'

November 10, 2026

Version 0.50.0

Date 2009-07-22

Title ExpressionSets for Parmigiani et al., 2004 Clinical Cancer Research paper

Author Robert Scharpf <rscharpf@jhu.edu>, Simens Zhong <zhong@mts.jhu.edu>, Giovanni Parmigiani <gp@jhu.edu>

Maintainer Robert Scharpf <rscharpf@jhu.edu>

Depends R (>= 2.4.0), Biobase (>= 2.5.5)

Description Data from three large lung cancer studies provided as ExpressionSets

LazyLoad yes

biocViews ExperimentData, CancerData, LungCancerData

License GPL (>= 2)

git_url https://git.bioconductor.org/packages/lungExpression

git_branch RELEASE_3_23

git_last_commit 43afacb

git_last_commit_date 2026-04-28

Repository Bioconductor 3.23

Date/Publication 2026-11-10

Contents

harvard 2
michigan 2
stanford 3

Index **4**

harvard *A Harvard study on lung cancer gene expression*

Description

A Harvard study on lung cancer gene expression. Data is represented as an ExpressionSet.

Usage

```
data(harvard)
```

Details

Annotation for the phenoData will be updated.

References

Bhattacharjee et al., Classification of human lung carcinomas by mRNA expression profiling reveals distinct adenocarcinoma subclasses, PNAS 2001, 98:13790-5.

Parmigiani et al., A cross-study comparison of gene expression studies for the molecular classification of lung cancer, Clinical Cancer Research, 10:2922-2927, 2004.

Examples

```
data(harvard)
```

michigan *A Michigan study on lung cancer gene expression*

Description

A Michigan study on lung cancer gene expression. Data is represented as an ExpressionSet.

Usage

```
data(michigan)
```

Details

Annotation for the phenoData will be updated.

References

Beer et al., Gene expression profiles predict survival of patients with lung adenocarcinoma. Nature Medicine 8(8):816-824 (2002).

Parmigiani et al., A cross-study comparison of gene expression studies for the molecular classification of lung cancer, Clinical Cancer Research, 10:2922-2927, 2004.

Examples

```
data(michigan)
```

---

stanford *Public lung cancer data from the Stanford study*

Description

Public lung cancer data from the Stanford study represented as an ExpressionSet

Usage

```
data(stanford)
```

Details

Annotation for the phenoData will be updated.

References

Garber et al., Diversity of Gene Expression in Adenocarcinoma of the Lung, PNAS, 2001, 98(24):13784-9.

Parmigiani et al., A cross-study comparison of gene expression studies for the molecular classification of lung cancer, Clinical Cancer Research, 10:2922-2927, 2004.

Examples

```
data(stanford)
```

Index

∗ **datasets**
harvard, 2
michigan, 2
stanford, 3

harvard, 2

michigan, 2

stanford, 3