

# Package ‘lungExpression’

April 4, 2014

**Version** 0.0.16

**Date** 2009-07-22

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

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

**Suggests**

**Description** Data from three large lung cancer studies provided as ExpressionSets

**LazyLoad** yes

**Collate**

**biocViews** ExperimentData, Cancer, Lung

**License** GPL (>= 2)

## R topics documented:

harvard	2
michigan	2
stanford	3

<b>Index</b>	<b>4</b>
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harvard

*A Harvard study on lung cancer gene expression*

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**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*

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**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*

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**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

\*Topic **datasets**

harvard, [2](#)

michigan, [2](#)

stanford, [3](#)

harvard, [2](#)

michigan, [2](#)

stanford, [3](#)