

# lungExpression

April 2, 2010

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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)
```

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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)
```

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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, [1](#)

michigan, [2](#)

stanford, [2](#)

harvard, [1](#)

michigan, [2](#)

stanford, [2](#)