

# dressCheck

October 25, 2011

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DrAsGiven

*Quantifications of 119 ovarian cancer samples as distributed at Duke's*

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## Description

Quantifications of 119 ovarian cancer samples as distributed at Duke's platinum.php

## Usage

```
data(DrAsGiven)
```

## Format

The format is: Formal class 'ExpressionSet' [package "Biobase"] with 6 slots ..@ assayData :<environment: 0x18b5f34> ..@ phenoData :Formal class 'AnnotatedDataFrame' [package "Biobase"] with 4 slots .. ..@ varMetadata :'data.frame': 11 obs. of 1 variable: .. .. ..\$ labelDescription: chr [1:11] NA NA NA NA ... .. ..@ data :'data.frame': 119 obs. of 11 variables: .. .. .. ..\$ OVC.TumorID : Factor w/ 119 levels "0.08","1024",...: 1 2 3 4 5 6 7 8 9 10 ... .. .. ..\$ Survival : int [1:119] 14 13 75 132 108 74 33 33 148 13 ... .. .. ..\$ X0...alive...1...dead: int [1:119] 1 1 1 1 1 1 1 1 0 1 ... .. .. ..\$ Assigned.Stage : int [1:119] 4 4 3 3 3 3 3 4 3 3 ... .. .. ..\$ GRADE : Factor w/ 11 levels "", " 2/3", "1",...: 7 7 5 7 7 5 5 5 5 7 ... .. .. ..\$ Debulk : Factor w/ 5 levels "O","Optimal",...: 3 3 3 3 1 1 3 1 1 3 ... .. .. ..\$ CA125.POST : Factor w/ 88 levels "", "10", "10.5",...: 74 10 76 24 50 63 82 77 73 79 ... .. .. ..\$ response.0.NR..1.CR : int [1:119] 0 1 1 1 1 1 1 1 0 ... .. .. ..\$ X : logi [1:119] NA NA NA NA NA NA NA ... .. .. ..\$ X.1 : logi [1:119] NA NA NA NA NA NA NA ... .. .. ..\$ X.2 : logi [1:119] NA NA NA NA NA NA NA ... .. .. ..@ dimLabels : chr [1:2] "sampleNames" "sampleColumns" .. .. ..@ .\_\_classVersion\_\_:Formal class 'Versions' [package "Biobase"] with 1 slots .. .. .. ..@ .Data:List of 1 .. .. .. ..\$ : int [1:3] 1 1 0 ..@ featureData :Formal class 'AnnotatedDataFrame' [package "Biobase"] with 4 slots .. .. ..@ varMetadata :'data.frame': 0 obs. of 1 variable: .. .. .. ..\$ labelDescription: chr(0) .. .. ..@ data :'data.frame': 22115 obs. of 0 variables .. .. ..@ dimLabels : chr [1:2] "featureNames" "featureColumns" .. .. ..@ .\_\_classVersion\_\_:Formal class 'Versions' [package "Biobase"] with 1 slots .. .. .. ..@ .Data:List of 1 .. .. .. ..\$ : int [1:3] 1 1 0 ..@ experimentData :Formal class 'MIAME' [package "Biobase"] with 13 slots .. .. ..@ name : chr "" .. .. ..@ lab : chr "" .. .. ..@ contact : chr "" .. .. ..@ title : chr "" .. .. ..@ abstract : chr "" .. .. ..@ url : chr "" .. .. ..@ pubMedIds : chr "" .. .. ..@ samples : list() .. .. ..@ hybridizations : list() .. .. ..@ normControls : list() .. .. ..@ preprocessing : list() .. .. ..@ other : list() .. .. ..@ .\_\_classVersion\_\_:Formal class 'Versions' [package "Biobase"] with 1 slots .. .. .. ..@ .Data:List of 1 .. .. .. ..\$ : int [1:3] 1 0 0 ..@ annotation : chr(0) ..@ .\_\_classVersion\_\_:Formal class 'Versions' [package "Biobase"] with 1 slots .. .. ..@ .Data:List of 4 .. .. .. ..\$ : int [1:3] 2 9 0 .. .. .. ..\$ : int [1:3] 2 3 10 .. .. .. ..\$ : int [1:3] 1 1 0 .. .. .. ..\$ : int [1:3] 1 0 0

**Examples**

```
data(DrAsGiven)
## maybe str(DrAsGiven) ; plot(DrAsGiven) ...
```

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E2F3sig.probes      *Affymetrix probe identifiers for the E2F3 pathway signature of Bild et*

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**Description**

Affymetrix probe identifiers for the E2F3 pathway signature of Bild et al.

**Usage**

```
data(E2F3sig.probes)
```

**Format**

The format is: chr [1:298] "223320\_s\_at" "213485\_s\_at" "209735\_at" "239579\_at" ...

**Examples**

```
data(E2F3sig.probes)
## maybe str(E2F3sig.probes) ; plot(E2F3sig.probes) ...
```

---

Src.probes      *Affymetrix probe identifiers for the Src pathway signature of Bild et*

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**Description**

Affymetrix probe identifiers for the Src pathway signature of Bild et al.

**Usage**

```
data(Src.probes)
```

**Format**

The format is: chr [1:73] "213485\_s\_at" "201128\_s\_at" "215867\_x\_at" "201879\_at" ...

**Examples**

```
data(Src.probes)
## maybe str(Src.probes) ; plot(Src.probes) ...
```

c119

*an N=119 expression set based on CEL files from JCO.zip***Description**

an N=119 expression set based on CEL files from JCO.zip

**Usage**

```
data(c119)
```

**Format**

The format is:

Formal class 'ExpressionSet' [package "Biobase"] with 6 slots

```
..@ assayData :<environment: 0x191bb50>
```

```
..@ phenoData :Formal class 'AnnotatedDataFrame' [package "Biobase"] with 4 slots
```

```
.. ..@ varMetadata :'data.frame': 14 obs. of 1 variable:
```

```
.. .. ..$ labelDescription: chr [1:14] NA NA NA NA ...
```

```
.. ..@ data :'data.frame': 119 obs. of 14 variables:
```

```
.. .. ..$ fixedid : Factor w/ 119 levels ".08","1024","1447",...: 53 54 4 6 16 17 18 25 27 29 ...
```

```
.. .. ..$ OVC.TumorID : Factor w/ 119 levels "0.08","1024",...: 53 54 4 6 16 17 18 25 27 29 ...
```

```
.. .. ..$ Survival : int [1:119] 185 183 132 74 78 118 142 87 118 107 ...
```

```
.. .. ..$ dead : int [1:119] 0 0 1 1 1 1 0 1 0 0 ...
```

```
.. .. ..$ Assigned.Stage: int [1:119] 3 3 3 3 3 3 3 3 3 3 ...
```

```
.. .. ..$ GRADE : Factor w/ 11 levels "", "2/3", "1",...: 7 5 7 5 5 7 5 7 5 7 ...
```

```
.. .. ..$ Debulk : Factor w/ 5 levels "O", "Optimal",...: 3 3 3 1 3 1 1 1 1 1 ...
```

```
.. .. ..$ CA125.POST : Factor w/ 88 levels "", "10", "10.5",...: 40 80 24 63 43 27 80 75 73 2 ...
```

```
.. .. ..$ CR : int [1:119] 1 1 1 1 1 1 1 1 1 1 ...
```

```
.. .. ..$ X : logi [1:119] NA NA NA NA NA NA NA ...
```

```
.. .. ..$ X.1 : logi [1:119] NA NA NA NA NA NA NA ...
```

```
.. .. ..$ X.2 : logi [1:119] NA NA NA NA NA NA NA ...
```

```
.. .. ..$ celName : chr [1:119] "0074_1772_h133a_872.cel" "0074_1773_h133a_922.cel" "0074_1774_h133a_1451.cel"
"0074_1775_h133a_1526.cel" ...
```

```
.. .. ..$ rundate : chr [1:119] "09/20/02" "09/20/02" "09/20/02" "09/20/02" ...
```

```
.. ..@ dimLabels : chr [1:2] "rowNames" "columnNames"
```

```
.. ..@ __classVersion__:Formal class 'Versions' [package "Biobase"] with 1 slots
```

```
.. .. ..@ .Data:List of 1
```

```
.. .. .. ..$ : int [1:3] 1 1 0
```

```
..@ featureData :Formal class 'AnnotatedDataFrame' [package "Biobase"] with 4 slots
```

```
.. ..@ varMetadata :'data.frame': 0 obs. of 1 variable:
```

```
.. .. ..$ labelDescription: chr(0)
```

```
.. ..@ data :'data.frame': 22283 obs. of 0 variables
```

```
.. ..@ dimLabels : chr [1:2] "featureNames" "featureColumns"
```

```
.. ..@ __classVersion__:Formal class 'Versions' [package "Biobase"] with 1 slots
```

```
.. .. ..@ .Data:List of 1
```

```
.. .. .. ..$ : int [1:3] 1 1 0
```

```
..@ experimentData :Formal class 'MIAME' [package "Biobase"] with 13 slots
```

```
.. ..@ name : chr ""
```

```
.. ..@ lab : chr ""
```

```
.. ..@ contact : chr ""
```

```

.. ..@ title : chr ""
.. ..@ abstract : chr ""
.. ..@ url : chr ""
.. ..@ pubMedIds : chr ""
.. ..@ samples : list()
.. ..@ hybridizations : list()
.. ..@ normControls : list()
.. ..@ preprocessing :List of 2
.. .. ..$ filenames : chr [1:119] "/data/stvjc/ANDERSON/SOURCE/JCO-OvCa/DukeWebSite/CELS/0074_1772_h133a_872.cel"
"/data/stvjc/ANDERSON/SOURCE/JCO-OvCa/DukeWebSite/CELS/0074_1773_h133a_922.cel" "/data/stvjc/ANDERSON/SOURCE/JCO-OvCa/DukeWebSite/CELS/0074_1774_h133a_1451.cel" "/data/stvjc/ANDERSON/SOURCE/JCO-OvCa/DukeWebSite/CELS/0074_1775_h133a_1526.cel" ...
.. .. ..$ affyversion: chr NA
.. ..@ other :List of 1
.. .. ..$ : chr ""
.. ..@ __classVersion__:Formal class 'Versions' [package "Biobase"] with 1 slots
.. .. ..@ .Data:List of 1
.. .. .. ..$ : int [1:3] 1 0 0
..@ annotation : chr "hgu133a"
..@ __classVersion__:Formal class 'Versions' [package "Biobase"] with 1 slots
.. ..@ .Data:List of 4
.. .. ..$ : int [1:3] 2 10 0
.. .. ..$ : int [1:3] 2 3 11
.. .. ..$ : int [1:3] 1 1 0
.. .. ..$ : int [1:3] 1 0 0

```

## Details

CEL files were obtained from <https://discovery.genome.duke.edu/express/resources/1144/PlatinumJCO.zip> and imported to R using justRMA in Bioconductor's affy package.

The CEL files had names `> sampleNames(c119)[1:5]` `[1] "0074_1772_h133a_872.cel"` `"0074_1773_h133a_922.cel"` `[3] "0074_1774_h133a_1451.cel"` `"0074_1775_h133a_1526.cel"` `[5] "0074_1776_h133a_1784.cel"` in which the patient identifiers are embedded as the tokens between the last underscore and the `.cel` suffix. 'fixedid' is the extracted identifier, which is of the same form as the sample identifiers in the clinical data, `OVCclinicalinfo.xls` distributed at the Duke website <https://discovery.genome.duke.edu/express/resources/193/OVCclinicalinfo.xls>

The `phenoData` component of `c119` was derived from `OVCclinicalinfo.xls` and linked to samples by associating the variable `OVC_TumorID` in the spreadsheet with the sample identifiers extracted from the CEL filenames.

## Examples

```

data(c119)
## maybe str(c119) ; plot(c119) ...

```

**Description**

Dressman's RMA+SFR corrected quantifications for 116 ovarian cancer samples

**Usage**

```
data(corrp116)
```

**Format**

The format is: Formal class 'ExpressionSet' [package "Biobase"] with 6 slots ..@ assayData :<environment: 0x1a30350> ..@ phenoData :Formal class 'AnnotatedDataFrame' [package "Biobase"] with 4 slots .. ..@ varMetadata :'data.frame': 14 obs. of 1 variable: .. .. ..\$ labelDescription: chr [1:14] NA NA NA NA ... .. ..@ data :'data.frame': 116 obs. of 14 variables: .. .. ..\$ fixedid : Factor w/ 119 levels "0.08","1024","1447",...: 12 35 8 18 28 25 46 47 13 45 ... .. ..\$ OVC.TumorID : Factor w/ 119 levels "0.08","1024",...: 12 35 8 18 28 25 46 47 13 45 ... .. ..\$ Survival : int [1:116] 15 95 33 142 98 87 16 16 18 16 ... .. ..\$ dead : int [1:116] 1 0 1 0 1 1 1 1 1 1 ... .. ..\$ Assigned.Stage: int [1:116] 3 3 4 3 3 3 4 3 3 ... .. ..\$ GRADE : Factor w/ 11 levels "", "2/3", "1",...: 5 5 5 5 7 7 5 5 5 5 ... .. ..\$ Debulk : Factor w/ 5 levels "O","Optimal",...: 3 3 1 1 1 1 1 1 3 ... .. ..\$ CA125.POST : Factor w/ 88 levels "", "10", "10.5",...: 64 10 77 80 73 75 70 4 21 33 ... .. ..\$ CR : int [1:116] 0 1 1 1 1 1 1 1 0 ... .. ..\$ X : logi [1:116] NA NA NA NA NA NA NA ... .. ..\$ X.1 : logi [1:116] NA NA NA NA NA NA NA ... .. ..\$ X.2 : logi [1:116] NA NA NA NA NA NA NA ... .. ..\$ celName : chr [1:116] "0074\_1830\_h133a\_1665.cel" "0074\_2033\_h133a\_2505.cel" "0074\_2398\_h133a\_1578.cel" "0074\_1778\_h133a\_1846.cel" ... .. ..\$ rundate : chr [1:116] "10/23/02" "01/03/03" "05/30/03" "09/20/02" ... .. ..@ dimLabels : chr [1:2] "sampleNames" "sampleColumns" .. .. ..@ \_\_classVersion\_\_:Formal class 'Versions' [package "Biobase"] with 1 slots .. .. ..@ .Data:List of 1 .. .. ..\$ : int [1:3] 1 1 0 ..@ featureData :Formal class 'AnnotatedDataFrame' [package "Biobase"] with 4 slots .. .. ..@ varMetadata :'data.frame': 0 obs. of 1 variable: .. .. ..\$ labelDescription: chr(0) .. .. ..@ data :'data.frame': 22115 obs. of 0 variables .. .. ..@ dimLabels : chr [1:2] "featureNames" "featureColumns" .. .. ..@ \_\_classVersion\_\_:Formal class 'Versions' [package "Biobase"] with 1 slots .. .. ..@ .Data:List of 1 .. .. ..\$ : int [1:3] 1 1 0 ..@ experimentData :Formal class 'MIAME' [package "Biobase"] with 13 slots .. .. ..@ name : chr "" .. .. ..@ lab : chr "" .. .. ..@ contact : chr "" .. .. ..@ title : chr "" .. .. ..@ abstract : chr "" .. .. ..@ url : chr "" .. .. ..@ pubMedIds : chr "" .. .. ..@ samples : list() .. .. ..@ hybridizations : list() .. .. ..@ normControls : list() .. .. ..@ preprocessing : list() .. .. ..@ other : list() .. .. ..@ \_\_classVersion\_\_:Formal class 'Versions' [package "Biobase"] with 1 slots .. .. ..@ .Data:List of 1 .. .. ..\$ : int [1:3] 1 0 0 ..@ annotation : chr(0) ..@ \_\_classVersion\_\_:Formal class 'Versions' [package "Biobase"] with 1 slots .. .. ..@ .Data:List of 4 .. .. ..\$ : int [1:3] 2 9 0 .. .. ..\$ : int [1:3] 2 3 10 .. .. ..\$ : int [1:3] 1 1 0 .. .. ..\$ : int [1:3] 1 0 0

**Examples**

```
data(corrp116)
## maybe str(corrp116) ; plot(corrp116) ...
```

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e2f3Wts

*Coefficients to weight components of E2F3 pathway to score for*

---

**Description**

Coefficients to weight components of E2F3 pathway to score for activity, derived from SVD applied to Bild's data

**Usage**

```
data(e2f3Wts)
```

**Format**

The format is: Named num [1:298] -0.0613 0.0589 -0.0626 -0.0596 -0.0541 ... - attr(\*, "names")= chr [1:298] "223320\_s\_at" "213485\_s\_at" "209735\_at" "239579\_at" ...

**Examples**

```
data(e2f3Wts)
## maybe str(e2f3Wts) ; plot(e2f3Wts) ...
```

---

platsigprobes	<i>affymetrix probe identifiers for the platinum responsiveness signature</i>
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**Description**

affymetrix probe identifiers for the platinum responsiveness signature

**Usage**

```
data(platsigprobes)
```

**Format**

The format is: Named chr [1:246] "208926\_at" "1557227\_s\_at" "201730\_s\_at" ... - attr(\*, "names")= chr [1:246] "NEU1" "TPR1" "TPR2" "TPR3" ...

**Examples**

```
data(platsigprobes)
## maybe str(platsigprobes) ; plot(platsigprobes) ...
```

---

pwLines	<i>A representation of Bild's HMEC lines for pathway signature</i>
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---

**Description**

A representation of Bild's HMEC lines for pathway signature identification

**Usage**

```
data(pwLines)
```

**Format**

The format is: Formal class 'ExpressionSet' [package "Biobase"] with 6 slots ..@ assayData :<environment: 0x192e1dc> ..@ phenoData :Formal class 'AnnotatedDataFrame' [package "Biobase"] with 4 slots .. ..@ varMetadata :'data.frame': 28 obs. of 1 variable: .. .. ..\$ labelDescription: chr [1:28] NA NA NA NA ... .. ..@ data :'data.frame': 55 obs. of 28 variables: .. .. ..\$ gsmid : chr [1:55] "GSM70597" "GSM70598" "GSM70599" "GSM70600" ... .. .. ..\$ gsmlabel : Factor w/ 55 levels "BCAT-8","BCAT-9",...: 19 21 22 23 24 25 26 27 28 20 ... .. .. ..\$ perturb : chr [1:55] "GFP" "GFP" "GFP" "GFP" ... .. .. ..\$ title : Factor w/ 55 levels "BCAT-8","BCAT-9",...: 19 21 22 23 24 25 26 27 28 20 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ geo\_accession : Factor w/ 55 levels "GSM70597","GSM70598",...: 1 2 3 4 5 6 7 8 9 10 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ status : Factor w/ 1 level "Public on Nov 07 2005": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ submission\_date : Factor w/ 1 level "Aug 17 2005": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ last\_update\_date : Factor w/ 1 level "Nov 07 2005": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ type : Factor w/ 1 level "RNA": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ channel\_count : Factor w/ 1 level "1": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ source\_name\_ch1 : Factor w/ 1 level "mammary epithelial cells expressing oncogenes (or GFP control)": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ organism\_ch1 : Factor w/ 1 level "Homo sapiens": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ characteristics\_ch1 : Factor w/ 1 level "mammary epithelial cells expressing oncogenes (or GFP control)": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ molecule\_ch1 : Factor w/ 1 level "total RNA": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ label\_ch1 : Factor w/ 1 level "biotin": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ description : Factor w/ 1 level "RNA was extracted from human mammary epithelial cells expressing oncogenes (or GFP control)": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ data\_processing : Factor w/ 1 level "Affymetrix Microarray Suite version 5.0": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ platform\_id : Factor w/ 1 level "GPL570": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ contact\_name : Factor w/ 1 level "Joseph,R.,Nevins": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ contact\_department : Factor w/ 1 level "IGSP": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ contact\_institute : Factor w/ 1 level "Duke University": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ contact\_address : Factor w/ 1 level "2133 CIEMAS, 101 Science Dr.": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ contact\_city : Factor w/ 1 level "Durham": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ contact\_state : Factor w/ 1 level "NC": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ contact\_zip/postal\_code: Factor w/ 1 level "27708": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ contact\_country : Factor w/ 1 level "USA": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ supplementary\_file : Factor w/ 1 level "NONE": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..\$ data\_row\_count : Factor w/ 1 level "54675": 1 1 1 1 1 1 1 1 1 1 ... .. .. ..- attr(\*, "names")= chr [1:55] "V2" "V3" "V4" "V5" ... .. .. ..@ dimLabels : chr [1:2] "sampleNames" "sampleColumns" .. .. ..@ \_\_classVersion\_\_:Formal class 'Versions' [package "Biobase"] with 1 slots .. .. ..@ .Data:List of 1 .. .. .. ..\$ : int [1:3] 1 1 0 ..@ featureData :Formal class 'AnnotatedDataFrame' [package "Biobase"] with 4 slots .. .. ..@ varMetadata :'data.frame': 16 obs. of 3 variables: .. .. .. ..\$ Column : chr [1:16] "ID" "GB\_ACC" "SPOT\_ID" "Species Scientific

```
Name" ... ..$ Description : Factor w/ 15 levels "", "A gene symbol, when one is available
(from UniGene).",...: 3 5 15 13 12 1 11 1 10 14 ... ..$ labelDescription: chr [1:16] NA
NA NA NA ... ..@ data :'data.frame': 54675 obs. of 16 variables: ..$ ID : Factor w/
54676 levels "1007_s_at","1053_at",...: 1 2 3 4 5 6 7 8 9 10 ... ..$ GB_ACC : Factor w/
51277 levels "AF276507","AK074161",...: 82 21 83 85 17 16 84 87 19 15 ... ..$ SPOT_ID
: chr [1:54675] NA NA NA NA ... ..$ Species.Scientific.Name : Factor w/ 2 levels "Homo
sapiens",...: 1 1 1 1 1 1 1 1 1 1 ... ..$ Annotation.Date : Factor w/ 2 levels "Mar 11, 2009",...:
1 1 1 1 1 1 1 1 1 1 ... ..$ Sequence.Type : Factor w/ 4 levels "Consensus sequence",...:
2 2 2 2 2 2 2 2 2 2 ... ..$ Sequence.Source : Factor w/ 3 levels "Affymetrix Proprietary
Database",...: 1 2 1 2 1 2 1 2 1 ... ..$ Target.Description : Factor w/ 51843 levels "J02843
/FEATURE=cds /DEFINITION=HUMCYPIIE Human cytochrome P450IIE1 (ethanol-inducible)
gene, complete cds",...: 8 7 9 11 3 2 10 13 5 1 ... ..$ Representative.Public.ID : Factor w/
51339 levels "AF276507","AK074161",...: 82 21 83 85 17 16 84 87 19 15 ... ..$ Gene.Title :
Factor w/ 23061 levels "ADAM metallopeptidase domain 32",...: 34 59 42 54 41 76 72 58 19 33 ...
..$ Gene.Symbol : Factor w/ 20828 levels "ADAM32","AFG3L1",...: 26 59 40 50 38 75 68
54 18 25 ... ..$ ENTREZ_GENE_ID : Factor w/ 20828 levels "10406","11078",...: 63 59 51
64 48 62 61 3 60 24 ... ..$ RefSeq.Transcript.ID : Factor w/ 20082 levels "", "NM_000409",...:
17 22 19 26 2 25 24 32 23 4 ... ..$ Gene.Ontology.Biological.Process: Factor w/ 8891 levels
"", "0000122 // negative regulation of transcription from RNA polymerase II promoter // inferred
from electronic annotation /// 0006" | __truncated__,...: 20 11 36 8 39 18 5 23 35 49 ... ..$
Gene.Ontology.Cellular.Component: Factor w/ 6677 levels "", "0000151 // ubiquitin ligase complex
// inferred from electronic annotation /// 0005634 // nucleus // inferred from electronic a" | __trun-
cated__,...: 43 21 1 20 44 1 18 28 8 36 ... ..$ Gene.Ontology.Molecular.Function: Factor
w/ 8929 levels "", "0000166 // nucleotide binding // inferred from el" | __truncated__,...: 9 5 10 23 47 7 22 38 41 37 ...
..@ dimLabels : chr [1:2] "featureNames" "featureColumns" .. ..@ __classVersion__:Formal
class 'Versions' [package "Biobase"] with 1 slots .. ..@ .Data:List of 1 .. ..$ :
int [1:3] 1 1 0 ..@ experimentData :Formal class 'MIAME' [package "Biobase"] with 13 slots ..
..@ name : chr "" .. ..@ lab : chr "" .. ..@ contact : chr "" .. ..@ title : chr "" .. ..@
abstract : chr "" .. ..@ url : chr "" .. ..@ pubMedIds : chr "" .. ..@ samples : list() .. ..@
hybridizations : list() .. ..@ normControls : list() .. ..@ preprocessing : list() .. ..@ other
: list() .. ..@ __classVersion__:Formal class 'Versions' [package "Biobase"] with 1 slots .. ..
.. ..@ .Data:List of 1 .. ..$ : int [1:3] 1 0 0 ..@ annotation : chr "hgu133plus2.db" ..@
__classVersion__:Formal class 'Versions' [package "Biobase"] with 1 slots .. ..@ .Data:List of 4
.. ..$ : int [1:3] 2 10 0 .. ..$ : int [1:3] 2 3 11 .. ..$ : int [1:3] 1 1 0 .. ..$ : int [1:3] 1
0 0
```

## Examples

```
data(pwLines)
## maybe str(pwLines) ; plot(pwLines) ...
```

---

srcWts

*Coefficients to weight components of Src pathway to score for activity,*

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## Description

Coefficients to weight components of Src pathway to score for activity, derived from SVD applied to Bild's data



**Usage**

```
data(srcWts)
```

**Format**

The format is: Named num [1:73] -0.1251 -0.1335 -0.1313 -0.0893 -0.1321 ... - attr(\*, "names")= chr [1:73] "213485\_s\_at" "201128\_s\_at" "215867\_x\_at" "201879\_at" ...

**Examples**

```
data(srcWts)
## maybe str(srcWts) ; plot(srcWts) ...
```

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