Package ‘NCIgraphData’

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Title Data for the NCIgraph software package
Version 1.10.0
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Description Provides pathways from the NCI Pathways Database as R graph objects
License GPL-3
LazyData yes
Depends R (>= 2.10.0)
Suggests Rgraphviz
biocViews NCI
NeedsCompilation no

R topics documented:

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NCI.cyList

Raw NCI networks from Nature curated pathways and BioCarta imported as graphNEL objects

Description

A list of graphNEL objects read from Cytoscape using the CytoscapeRPC Cytoscape plugin in combination with the RCytoscape bioconductor package. This list contains 460 of the NCI-Nature curated and BioCarta imported pathways of the NCI PID.

Usage

NCI.cyList
Format

A list of 460 graphNEL objects.

Author(s)

Laurent Jacob

Examples

```
data("NCI-cyList")
length(NCI.cyList)

library(Rgraphviz)
plot(NCI.cyList[[1]])
```

reactome.cyList

Raw NCI networks from reactome as graphNEL objects

Description

A list of graphNEL objects read from Cytoscape using the CytoscapeRPC Cytoscape plugin in combination with the RCytoscape bioconductor package. This list contains 487 of the Reactome pathways of the NCI PID.

Usage

```
reactome.cyList
```

Format

A list of 460 graphNEL objects.

Author(s)

Laurent Jacob

Examples

```
data("reactome-cyList")
length(reactome.cyList)

library(Rgraphviz)
plot(reactome.cyList[[1]])
```
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