# Package 'simpIntLists'

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**Type** Package

**Title** The package contains BioGRID interactions for various organisms in a simple format

**Version** 1.49.0

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**Author** Kircicegi Korkmaz, Volkan Atalay, Rengul Cetin-Atalay

**Maintainer** Kircicegi Korkmaz <e102771@ceng.metu.edu.tr>

**Description** The package contains BioGRID interactions for arabidopsis(thale cress), c.elegans, fruit fly, human, mouse, yeast( budding yeast ) and S.pombe (fission yeast) . Entrez ids, official names and unique ids can be used to find proteins. The format of interactions are lists. For each gene/protein, there is an entry in the list with ``name'' containing name of the gene/protein and ``interactors'' containing the list of genes/proteins interacting with it.

**License** GPL (>= 2)

**LazyLoad** yes

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`simpIntLists-package` *The package contains BioGRID interactions for various organisms in a simplified format*

---

## Description

The package contains BioGRID interactions for arabidopsis(thale cress), c.elegans, fruit fly, human, mouse, yeast( budding yeast ) and S.pombe (fission yeast) . Entrez ids, official names and unique ids can be used to find proteins.

## Details

| | |
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| Package: | simpIntLists |
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| Version: | 1.0 |
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| LazyLoad: | yes |

## Author(s)

Kircicegi KORKMAZ, Volkan ATALAY, Rengul CETIN ATALAY Maintainer: Kircicegi KORKMAZ <e102771@ceng.metu.edu.tr>

## References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

## Examples

```
findInteractionList("arabidopsis", "EntrezId")
data(YeastBioGRIDInteractionUniqueId)
```

## ArabidopsisBioGRIDInteractionEntrezId

*BioGRID interactions for thale cress (Arabidopsis thaliana), entrez ids are used as identifiers*

### Description

This data set contains a list of interactions for thale cress (Arabidopsis thaliana). The interactions are taken from BioGRID version 3.1.72, January 2011 release. For gene/protein entries, Entrez ids are used.

### Usage

```
data(ArabidopsisBioGRIDInteractionEntrezId)
```

### Format

The format is: List of 2118 A list containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gene/protein and "interactors" containing the list of genes/proteins interacting with it. example: $ :List of 2 ..$ name : int 828230 ..$ interactors: int [1:12] 832208 821860 821860 832208 832208 821860 832208 5888 842783 834532 ...

### Source

http://thebiogrid.org/download.php

### References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

### Examples

```
data(ArabidopsisBioGRIDInteractionEntrezId)
ArabidopsisBioGRIDInteractionEntrezId
```

## ArabidopsisBioGRIDInteractionOfficial

*BioGRID interactions for thale cress (Arabidopsis thaliana), official names are used as identifiers*

### Description

This data set contains a list of interactions for thale cress (Arabidopsis thaliana). The interactions are taken from BioGRID version 3.1.72, January 2011 release. For gene/protein entries, official names are used.

### Usage

```
data(ArabidopsisBioGRIDInteractionOfficial)
```

### Format

The format is: List of 2109 A list containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gene/protein and "interactors" containing the list of genes/proteins interacting with it. example: $ :List of 2 ..$ name : chr "BRCA2(IV)" ..$ interactors: chr [1:12] "ATRAD51" "DMC1" "DMC1" "ATRAD51" ...

### Source

http://thebiogrid.org/download.php

### References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

### Examples

```
data(ArabidopsisBioGRIDInteractionOfficial)
ArabidopsisBioGRIDInteractionOfficial
```

---

## ArabidopsisBioGRIDInteractionUniqueId

*BioGRID interactions for thale cress (Arabidopsis thaliana), unique ids are used as identifiers*

---

### Description

This data set contains a list of interactions for thale cress (Arabidopsis thaliana). The interactions are taken from BioGRID version 3.1.72, January 2011 release. For gene/protein entries, unique ids (systematic names) are used.

### Usage

```
data(ArabidopsisBioGRIDInteractionUniqueId)
```

### Format

The format is: List of 2106 A list containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gene/protein and "interactors" containing the list of genes/proteins interacting with it. example: $ :List of 2 ..$ name : chr "At4g00020" ..$ interactors: chr [1:12] "At5g20850" "At3g22880" "At3g22880" "At5g20850" ...

### Source

http://thebiogrid.org/download.php

### References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

## Examples

```
data(ArabidopsisBioGRIDInteractionUniqueId)
ArabidopsisBioGRIDInteractionUniqueId
```

---

C.EleganBioGRIDInteractionEntrezId

*BioGRID interactions for C.elegans (Caenorhabditis elegans), entrez ids are used as identifiers*

---

## Description

This data set contains a list of interactions for C.elegans (Caenorhabditis elegans). The interactions are taken from BioGRID version 3.1.72, January 2011 release. For gene/protein entries, Entrez ids are used.

## Usage

```
data(C.EleganBioGRIDInteractionEntrezId)
```

## Format

The format is: List of 3573 A list containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gene/protein and "interactors" containing the list of genes/proteins interacting with it. example: $ :List of 2 ..$ name : int 177286 ..$ interactors: int [1:4] 179791 178104 180982 178104

## Source

http://thebiogrid.org/download.php

## References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

## Examples

```
data(C.EleganBioGRIDInteractionEntrezId)
C.EleganBioGRIDInteractionEntrezId
```

---

C.ElegansBioGRIDInteractionOfficial

*BioGRID interactions for C.elegans (Caenorhabditis elegans), official names are used as identifiers*

---

## Description

This data set contains a list of interactions for C.elegans (Caenorhabditis elegans). The interactions are taken from BioGRID version 3.1.72, January 2011 release. For gene/protein entries, official names are used.

## Usage

```
data(C.ElegansBioGRIDInteractionOfficial)
```

## Format

The format is: List of 3557 A list containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gene/protein and "interactors" containing the list of genes/proteins interacting with it. example: $ :List of 2 ..$ name : chr "soc-2" ..$ interactors: chr [1:4] "W07G4.5" "let-60" "bar-1" "let-60"

## Source

http://thebiogrid.org/download.php

## References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

## Examples

```
data(C.ElegansBioGRIDInteractionOfficial)
C.ElegansBioGRIDInteractionOfficial
```

---

C.ElegansBioGRIDInteractionUniqueId

*BioGRID interactions for C.elegans (Caenorhabditis elegans), unique ids are used as identifiers*

---

## Description

This data set contains a list of interactions for C.elegans (Caenorhabditis elegans). The interactions are taken from BioGRID version 3.1.72, January 2011 release. For gene/protein entries, unique ids(systematic names) are used.

## Usage

```
data(C.ElegansBioGRIDInteractionUniqueId)
```

### Format

The format is: List of 3571 A list containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gene/protein and "interactors" containing the list of genes/proteins interacting with it. example: $ :List of 2 ..$ name : chr "AC7.2" ..$ interactors: chr [1:4] "W07G4.5" "ZK792.6" "C54D1.6" "ZK792.6"

### Source

http://thebiogrid.org/download.php

### References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

### Examples

```
data(C.ElegansBioGRIDInteractionUniqueId)
C.ElegansBioGRIDInteractionUniqueId
```

---

## findInteractionList *Find BioGRID interaction list for a given organism an identifier type*

---

### Description

Find BioGRID interaction list for a given organism an identifier type

### Usage

```
findInteractionList(organism, idType)
```

### Arguments

| | |
|---|---|
| organism | Organism name. Can be one of 'arabidopsis', 'c.elegans', 'fruitFly', 'human', 'mouse', 'yeast', 's.pombe'. |
| idType | Type of identifier used. Can be one of 'EntrezId', 'Official' and 'UniqueId' |

### Value

List containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gen/protein and "interactors" containing the list of genes/proteins interacting with it.

### Examples

```
findInteractionList("arabidopsis", "EntrezId")
```

---

`FruitFlyBioGRIDInteractionEntrezId`

*BioGRID interactions for Fruit fly (Drosophila melanogaster), entrez ids are used as identifiers*

---

## Description

This data set contains a list of interactions for Fruit fly (Drosophila melanogaster) The interactions are taken from BioGRID version 3.1.72, January 2011 release. For gene/protein entries, Entrez ids are used.

## Usage

```
data(FruitFlyBioGRIDInteractionEntrezId)
```

## Format

The format is: A list containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gene/protein and "interactors" containing the list of genes/proteins interacting with it. example: List of 7578 $ :List of 2 ..$ name : int 43383 ..$ interactors: int [1:18] 37006 40877 46391 32132 43584 3355072 39452 40887 40889 47186 ...

## Source

http://thebiogrid.org/download.php

## References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

## Examples

```
data(FruitFlyBioGRIDInteractionEntrezId)
FruitFlyBioGRIDInteractionEntrezId
```

---

`FruitFlyBioGRIDInteractionOfficial`

*BioGRID interactions for Fruit fly (Drosophila melanogaster), official names are used as identifiers*

---

## Description

This data set contains a list of interactions for Fruit fly (Drosophila melanogaster) The interactions are taken from BioGRID version 3.1.72, January 2011 release. For gene/protein entries, official names are used.

## Usage

```
data(FruitFlyBioGRIDInteractionOfficial)
```

### Format

The format is: List of 7577 A list containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gene/protein and "interactors" containing the list of genes/proteins interacting with it. example: $ :List of 2 ..$ name : chr "fkh" ..$ interactors: chr [1:18] "CG6459" "CG10032" "CG11899" "CkIIbeta" ...

### Source

http://thebiogrid.org/download.php

### References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

### Examples

```
data(FruitFlyBioGRIDInteractionOfficial)
FruitFlyBioGRIDInteractionOfficial
```

---

## FruitFlyBioGRIDInteractionUniqueId

*BioGRID interactions for Fruit fly (Drosophila melanogaster), unique ids (systematic names) are used as identifiers*

---

### Description

This data set contains a list of interactions for Fruit fly (Drosophila melanogaster) The interactions are taken from BioGRID version 3.1.72, January 2011 release. For gene/protein entries, unique ids (systematic names) are used.

### Usage

```
data(FruitFlyBioGRIDInteractionUniqueId)
```

### Format

The format is: A list containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gene/protein and "interactors" containing the list of genes/proteins interacting with it. example: List of 7563 $ :List of 2 ..$ name : chr "Dmel_CG10002" ..$ interactors: chr [1:18] "Dmel_CG6459" "Dmel_CG10032" "Dmel_CG11899" "Dmel_CG15224" ...

### Source

http://thebiogrid.org/download.php

### References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

## Examples

```
data(FruitFlyBioGRIDInteractionUniqueId)
FruitFlyBioGRIDInteractionUniqueId
```

---

HumanBioGRIDInteractionEntrezId

*BioGRID interactions for human (Homo sapiens), entrez ids are used as identifiers*

---

## Description

This data set contains a list of interactions for human (Homo sapiens). The interactions are taken from BioGRID version 3.1.72, January 2011 release. For gene/protein entries, Entrez ids are used.

## Usage

```
data(HumanBioGRIDInteractionEntrezId)
```

## Format

The format is: A list containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gene/protein and "interactors" containing the list of genes/proteins interacting with it. example: List of 10213 $ :List of 2 ..$ name : int 6416 ..$ interactors: int [1:25] 2318 192176 2318 2318 9043 5599 5871 5609 1326 207 ...

## Source

http://thebiogrid.org/download.php

## References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

## Examples

```
data(HumanBioGRIDInteractionEntrezId)
HumanBioGRIDInteractionEntrezId
```

---

`HumanBioGRIDInteractionOfficial`

*BioGRID interactions for human (Homo sapiens), official names are used as identifiers*

---

## Description

This data set contains a list of interactions for human (Homo sapiens). The interactions are taken from BioGRID version 3.1.72, January 2011 release. For gene/protein entries, official names ids are used.

## Usage

```
data(HumanBioGRIDInteractionOfficial)
```

## Format

The format is: A list containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gene/protein and "interactors" containing the list of genes/proteins interacting with it. example: List of 10098 $ :List of 2 ..$ name : chr "MAP2K4" ..$ interactors: chr [1:25] "FLNC" "Flna" "FLNC" "FLNC" ...

## Source

http://thebiogrid.org/download.php

## References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

## Examples

```
data(HumanBioGRIDInteractionOfficial)
HumanBioGRIDInteractionOfficial
```

---

`HumanBioGRIDInteractionUniqueId`

*BioGRID interactions for human (Homo sapiens), unique ids (systematic names) are used as identifiers*

---

## Description

This data set contains a list of interactions for human (Homo sapiens). The interactions are taken from BioGRID version 3.1.72, January 2011 release. For gene/protein entries, unique ids (systematic names) are used.

## Usage

```
data(HumanBioGRIDInteractionUniqueId)
```

### Format

The format is: List of 2785 A list containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gene/protein and "interactors" containing the list of genes/proteins interacting with it. example: $ :List of 2 ..$ name : chr "-" ..$ interactors: chr "-"

### Source

http://thebiogrid.org/download.php

### References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

### Examples

```
data(HumanBioGRIDInteractionUniqueId)
HumanBioGRIDInteractionUniqueId
```

---

## MouseBioGRIDInteractionEntrezId

*BioGRID interactions for Mouse (Mus musculus), entrez ids are used as identifiers*

---

### Description

This data set contains a list of interactions for Mouse (Mus musculus). The interactions are taken from BioGRID version 3.1.72, January 2011 release. For gene/protein entries, Entrez ids are used.

### Usage

```
data(MouseBioGRIDInteractionEntrezId)
```

### Format

The format is: A list containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gene/protein and "interactors" containing the list of genes/proteins interacting with it. example: List of 2361 $ :List of 2 ..$ name : int 4087 ..$ interactors: int [1:28] 75141 19376 69159 72433 69288 54126 78294 57443 18412 52432 ...

### Source

http://thebiogrid.org/download.php

### References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

### Examples

```
data(MouseBioGRIDInteractionEntrezId)
MouseBioGRIDInteractionEntrezId
```

MouseBioGRIDInteractionOfficial

*BioGRID interactions for Mouse (Mus musculus), official names ids are used as identifiers*

## Description

This data set contains a list of interactions for Mouse (Mus musculus). The interactions are taken from BioGRID version 3.1.72, January 2011 release. For gene/protein entries, official names are used.

## Usage

```
data(MouseBioGRIDInteractionOfficial)
```

## Format

The format is: A list containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gene/protein and "interactors" containing the list of genes/proteins interacting with it. example: List of 2354 $ :List of 2 ..$ name : chr "SMAD2" ..$ interactors: chr [1:28] "Rasd2" "Rab34" "Rhebl1" "Rab38" ...

## Source

http://thebiogrid.org/download.php

## References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

## Examples

```
data(MouseBioGRIDInteractionOfficial)
MouseBioGRIDInteractionOfficial
```

MouseBioGRIDInteractionUniqueId

*BioGRID interactions for Mouse (Mus musculus), unique ids (systematic names) are used as identifiers*

## Description

This data set contains a list of interactions for Mouse (Mus musculus). The interactions are taken from BioGRID version 3.1.72, January 2011 release. For gene/protein entries, Entrez ids are used.

## Usage

```
data(MouseBioGRIDInteractionUniqueId)
```

### Format

The format is: A list containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gene/protein and "interactors" containing the list of genes/proteins interacting with it. example:

List of 648 $ :List of 2 ..$ name : chr "-" ..$ interactors: chr "-"

### Source

http://thebiogrid.org/download.php

### References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

### Examples

```
data(MouseBioGRIDInteractionUniqueId)
MouseBioGRIDInteractionUniqueId
```

---

## S.PombeBioGRIDInteractionEntrezId

*BioGRID interactions for fission yeast (Schizosaccharomyces pombe), entrez ids are used as identifiers*

---

### Description

This data set contains a list of interactions for fission yeast (Schizosaccharomyces pombe). The interactions are taken from BioGRID version 3.1.72, January 2011 release. For gene/protein entries, Entrez ids are used.

### Usage

```
data(S.PombeBioGRIDInteractionEntrezId)
```

### Format

The format is: A list containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gene/protein and "interactors" containing the list of genes/proteins interacting with it. example: List of 2110 $ :List of 2 ..$ name : int 2539495 ..$ interactors: int [1:10] 2541652 2542008 2539252 2541055 2542677 2543539 2541652 2540024 2539649 2542008

### Source

http://thebiogrid.org/download.php

### References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

## Examples

```
data(S.PombeBioGRIDInteractionEntrezId)
S.PombeBioGRIDInteractionEntrezId
```

---

S.PombeBioGRIDInteractionOfficial

*BioGRID interactions for fission yeast (Schizosaccharomyces pombe), official names are used as identifiers*

---

## Description

This data set contains a list of interactions for fission yeast (Schizosaccharomyces pombe). The interactions are taken from BioGRID version 3.1.72, January 2011 release. For gene/protein entries, official names are used.

## Usage

```
data(S.PombeBioGRIDInteractionOfficial)
```

## Format

The format is: A list containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gene/protein and "interactors" containing the list of genes/proteins interacting with it. example: List of 2110 $ :List of 2 ..$ name : chr "ptc1" ..$ interactors: chr [1:10] "sty1" "ptc3" "ptc2" "wis1" ...

## Source

http://thebiogrid.org/download.php

## References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

## Examples

```
data(S.PombeBioGRIDInteractionOfficial)
S.PombeBioGRIDInteractionOfficial
```

S.PombeBioGRIDInteractionUniqueId

*BioGRID interactions for fission yeast (Schizosaccharomyces pombe), unique ids (systematic names) are used as identifiers*

## Description

This data set contains a list of interactions for fission yeast (Schizosaccharomyces pombe). The interactions are taken from BioGRID version 3.1.72, January 2011 release. For gene/protein entries, unique ids (systematic names) are used.

## Usage

```
data(S.PombeBioGRIDInteractionUniqueId)
```

## Format

The format is: A list containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gene/protein and "interactors" containing the list of genes/proteins interacting with it. example: List of 2097 $ :List of 2 ..$ name : chr "SPCC4F11.02" ..$ interactors: chr [1:10] "SPAC24B11.06c" "SPAC2G11.07c" "SPCC1223.11" "SPBC409.07c" ...

## Source

http://thebiogrid.org/download.php

## References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

## Examples

```
data(S.PombeBioGRIDInteractionUniqueId)
S.PombeBioGRIDInteractionUniqueId
```

YeastBioGRIDInteractionEntrezId

*BioGRID interactions for budding yeast (Saccharomyces cerevisiae), entrez ids are used as identifiers*

## Description

This data set contains a list of interactions for budding yeast (Saccharomyces cerevisiae). The interactions are taken from BioGRID version 3.1.72, January 2011 release. For gene/protein entries, Entrez ids are used.

## Usage

```
data(YeastBioGRIDInteractionEntrezId)
```

### Format

The format is: A list containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gene/protein and "interactors" containing the list of genes/proteins interacting with it. example: List of 6049 $ :List of 2 ..$ name : int 850504 ..$ interactors: int [1:887] 852545 853814 856220 853086 850749 853986 856848 851407 856518 854317 ...

### Source

http://thebiogrid.org/download.php

### References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

### Examples

```
data(YeastBioGRIDInteractionEntrezId)
YeastBioGRIDInteractionEntrezId
```

---

## YeastBioGRIDInteractionOfficial

*BioGRID interactions for budding yeast (Saccharomyces cerevisiae), official names are used as identifiers*

---

### Description

This data set contains a list of interactions for budding yeast (Saccharomyces cerevisiae). The interactions are taken from BioGRID version 3.1.72, January 2011 release. For gene/protein entries, Entrez ids are used.

### Usage

```
data(YeastBioGRIDInteractionOfficial)
```

### Format

The format is: A list containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gene/protein and "interactors" containing the list of genes/proteins interacting with it. example: List of 6032 $ :List of 2 ..$ name : chr "ACT1" ..$ interactors: chr [1:887] "ALG7" "ASK1" "COG4" "ERG1" ...

### Source

http://thebiogrid.org/download.php

### References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

## Examples

```
data(YeastBioGRIDInteractionOfficial)
YeastBioGRIDInteractionOfficial
```

---

YeastBioGRIDInteractionUniqueId

*BioGRID interactions for budding yeast (Saccharomyces cerevisiae), unique ids (systematic names) are used as identifiers*

---

## Description

This data set contains a list of interactions for budding yeast (Saccharomyces cerevisiae). The interactions are taken from BioGRID version 3.1.72, January 2011 release. For gene/protein entries, unique ids (systematic names) are used.

## Usage

```
data(YeastBioGRIDInteractionUniqueId)
```

## Format

The format is: A list containing the interactions. For each gene/protein, there is an entry in the list with "name" containing name of the gene/protein and "interactors" containing the list of genes/proteins interacting with it. example: List of 5931 $ :List of 2 ..$ name : chr "YFL039C" ..$ interactors: chr [1:887] "YBR243C" "YKL052C" "YPR105C" "YGR175C" ...

## Source

http://thebiogrid.org/download.php

## References

Stark C, Breitkreutz BJ, Reguly T, Boucher L, Breitkreutz A, Tyers M. *Biogrid: A General Repository for Interaction Datasets.* Nucleic Acids Res. Jan1; 34:D535-9

## Examples

```
data(YeastBioGRIDInteractionUniqueId)
YeastBioGRIDInteractionUniqueId
```

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