RmiR.hsa

April 10, 2024

`RmiR.hsa_dbconn` *Collect information from different miRNA targets databases*

Description

A function to get a connection object to some miRNA targets databases.

Usage

```
RmiR.hsa_dbconn()
RmiR.hsa_dbfile()
```

Details

`RmiR.hsa_dbconn` returns a connection object to some miRNA targets databases. IMPORTANT: Do not call `dbDisconnect` on the connection object returned by `RmiR.hsa_dbconn` or you will break all the `AnnDbObj` objects defined in this package!

`RmiR.hsa_dbfile` returns the path (character string) to the package annotation DB (this is an SQLite v3 file).

Value

`RmiR.hsa_dbconn`
: A DBIConnection object representing an open connection to the miRNA targets database.

`RmiR.hsa_dbfile`
: A character string with the path to the miRNA targets database.

See Also

`dbGetQuery`, `dbConnect`, `dbconn`, `dbfile`

Examples

```
## List all the tables of the database:
dbListTables(RmiR.hsa_dbconn())

## Count the number of rows in the "targetscan" table:
dbGetQuery(RmiR.hsa_dbconn(), "SELECT COUNT(*) FROM targetscan")

## List the contents of the "mirbase" tables:
dbListFields(RmiR.hsa_dbconn(), "mirbase")

## List all targets of "hsa-miR-21" in miranda database:
dbGetQuery(RmiR.hsa_dbconn(),
   "SELECT * FROM tarbase where mature_miRNA='hsa-miR-21'")

## The connection object returned by RmiR.hsa_dbconn() was created with:
dbConnect(SQLite(), dbname=RmiR.hsa_dbfile(), cache_size=64000, synchronous=0)
```

Index

∗ **datasets**
RmiR.hsa_dbconn, 1
∗ **utilities**
RmiR.hsa_dbconn, 1

AnnDbObj, *1*

dbconn, *1*
dbConnect, *1*
dbDisconnect, *1*
dbfile, *1*
dbGetQuery, *1*

RmiR.hsa_dbconn, 1
RmiR.hsa_dbfile *(*RmiR.hsa_dbconn*)*, 1