RmiR.Hs.miRNA

April 10, 2024

`RmiR.Hs.miRNA_dbconn` *Collect information from different miRNA targets databases*

Description

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

Usage

```
RmiR.Hs.miRNA_dbconn()
RmiR.Hs.miRNA_dbfile()
```

Details

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

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

Value

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

`RmiR.Hs.miRNA_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.Hs.miRNA_dbconn())

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

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

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

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

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