Package 'hybridogram'

May 8, 2026

Type Package

Title Function that Creates a Heat Map from Hybridization Data

Version 0.3.2

Author Matthew Cserhati

Maintainer Matthew Cserhati <csmatyi@protonmail.com>

Description Using hybrid data, this package created a vividly colored hybrid heat map.
The input is two files which are auto-selected.
The first file has three columns, the first two for pairs of species,
with the third column for the hybrid experiment code (an integer).
The second file is a list of code and their descriptions in two
columns. The output is a figure showing the hybrid heat map with a color legend.

License GPL-3

Encoding UTF-8

RoxygenNote 7.1.1

Suggests knitr, rmarkdown

VignetteBuilder knitr

Imports pheatmap

NeedsCompilation no

Repository CRAN

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hybridogram *Function that Creates a Heat Map from Hybridization Data*

Description

R package which takes a list of hybridization results along with a code and creates a heat map.

Version 0.3.2 Author: Dr. Matthew Cserhati Email: csmatyi@protonmail.com May 21, 2021

Arguments

hybrid_data	a data frame with three columns: species1, species2, code
codes	a data frame with two columns: code, description

Value

nil

References

Wood, T. C., and Murray, M. J. (2003) Understanding the Pattern of Life. Nashville, TN: Broadman & Holman.

Examples

```
V1 <- c("Phoca largha","Phoca largha","Phoca caspica")
V2 <- c("Phoca vitulina","Phoca caspica","Pusa hispida")
V3 <- c(2,3,3)
hybrid_data <- data.frame(V1,V2,V3)
C1 <- c(1,2,3)
C2 <- c("No hybrid","Hybrid with same 3rd species","Documented hybrid")
codes <- data.frame(C1,C2)
hybridogram(hybrid_data, codes)
```

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