

Package ‘popprxl’

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Type Package

Title Read GenAIEx Files Directly from Excel

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Encoding UTF-8

Description GenAIEx is a popular Excel macro for genetic analysis. The 'poppr' R package allows import of GenAIEx formatted CSV data. This package serves as a small 'poppr' add on for those who have trouble or simply do not want to export their data into CSV format.

Depends poppr (>= 2.0.2)

Imports readxl, utils

URL <https://github.com/zkamvar/popprxl>

BugReports <https://github.com/zkamvar/popprxl/issues>

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LazyData TRUE

Suggests testthat, knitr, rmarkdown

RoxygenNote 5.0.1

VignetteBuilder knitr

NeedsCompilation no

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popprxl *popprxl*

Description

This package has one function: [read.genalexcel](#).

Citation

To cite this package, please use the citation for the poppr package. You can find it by typing `citation(package = "poppr")`.

Author(s)

Zhian N. Kamvar and Niklaus J. Grünwald

read.genalexcel *Read GenAEx formatted data from excel*

Description

The **poppr** function [read.genalex](#) provides a way to read GenAEx formatted data into R. The only stipulation is that the file must be saved as a CSV text file beforehand. This function provides a wrapper for [read.genalex](#) and [read_excel](#) from the **readxl** package.

Usage

```
read.genalexcel(x, sheet = 1, ...)
```

Arguments

x	a path to your excel file
sheet	the sheet in which your data is contained.
...	any arguments to be passed on to read.genalex

Value

a [genclone](#) or [genind](#) object.

Author(s)

Zhian N. Kamvar

See Also

[read.genalex](#)

Examples

```
# Read in the data set nancycats from an example excel file in this
# package.

nancy <- system.file("files/nancycats.xlsx", package = "popprxl")
nancy # This is the address to our excel file.
read.genalexcel(nancy, sheet = 1, genclone = FALSE)

# Note that system.file() is only for examples. You can use
# file.choose() for an interactive way of choosing files.
#
# e.g.
# myfile <- file.choose()
# read.genalexcel(myfile)
## Not run:
nancy_ex_rows <- system.file("files/nancycats_extra_rows.xlsx", package = "popprxl")
# This will give a warning
read.genalexcel(nancy_ex_cols, sheet = 1, genclone = FALSE)

## End(Not run)
```

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