

Package ‘geuvStore’

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Title demonstrate storage discipline for eQTL enumerations

Version 1.4.2

Author VJ Carey <stvjc@channing.harvard.edu>

Description demonstrate storage discipline for eQTL enumerations and analyses based on a selection of GEUVADIS results

Suggests Homo.sapiens, knitr (>= 1.7), rmarkdown

Imports methods, gQTLBase, BiocGenerics

Depends BatchJobs, GenomicRanges

Maintainer VJ Carey <stvjc@channing.harvard.edu>

License Artistic-2.0

LazyLoad yes

biocViews ExperimentData, SequencingData, MicroarrayData

VignetteBuilder knitr

PackageStatus Deprecated

NeedsCompilation no

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geuvStore-package *demonstrate storage discipline for eQTL enumerations*

Description

demonstrate storage discipline for eQTL enumerations and analyses based on a selection of GEUVADIS results

Details

The DESCRIPTION file:

```

Package:      geuvStore
Title:        demonstrate storage discipline for eQTL enumerations
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Suggests:    Homo.sapiens, knitr (>= 1.7), rmarkdown
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LazyLoad:    yes
biocViews:    ExperimentData, SequencingData, MicroarrayData
VignetteBuilder: knitr
PackageStatus:  Deprecated

```

Index of help topics:

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geuvStore-package  demonstrate storage discipline for eQTL
                   enumerations
gvpmm              probemap and rangemap for geuvStore
makeGeuvStore      construct a ciseStore instance for a subset of
                   geuvadis eqtl tests
partialRegistry    update and provide BatchJobs registry for a
                   selection of eQTL tests from GEUVADIS data

```

This is a selection from a persistent BatchJobs-generated archive of eQTL test results, based on GEUVADIS data

Author(s)

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References

PMID 24037378

Expression data can be obtained at ftp://ftp.ebi.ac.uk/pub/databases/microarray/data/experiment/GEUV/E-GEUV-1/analysis_results/GD462.GeneQuantRPKM.50FN.samplename.resk10.txt.gz

See Also

[geuvPack-package](#) for processed expression data and tools for obtaining relevant genotypes

Examples

```
pr = partialRegistry()
pr
## Not run:
loadResult(pr, 1)

## End(Not run)
```

gvpm

probemap and rangemap for geuvStore

Description

probemap and rangemap for geuvStore

Usage

```
data("gvpm"); data("gvrn")
```

Format

A data frame with 920 observations on the following 2 variables.

probeid a character vector

jobnum a numeric vector

Details

map probe or range to 'job' in the store

Examples

```
data(gvpm)
## maybe str(gvpm) ; plot(gvpm) ...
```

makeGeuvStore	<i>construct a ciseStore instance for a subset of geuvadis eqtl tests</i>
---------------	---

Description

construct a ciseStore instance for a subset of geuvadis eqtl tests

Usage

```
makeGeuvStore()
```

Details

collects some information on job contents in addition to the BatchJobs Registry instance, and sets Registry file.dir element appropriately

Value

[ciseStore-class](#) instance

Examples

```
mm = makeGeuvStore()
mm
```

partialRegistry	<i>update and provide BatchJobs registry for a selection of eQTL tests from GEUVADIS data</i>
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Description

update and provide BatchJobs registry for a selection of eQTL tests from GEUVADIS data

Usage

```
partialRegistry(domsg=TRUE)
partialIds() # no args
```

Arguments

domsg logical, will allow message about availability of valid job ids

Details

Alters file.dir and work.dir elements of registry. Note that findDone and other job-oriented methods for BatchJobs registry may give misleading results and job ids listed by these native methods may not exist. Use partialIds() to obtain a vector of available job ids.

Value

Instance of [Registry](#)

Examples

```
pr = partialRegistry()  
pr  
length(loadResult(pr, partialIds()[5]) )
```

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