

Package ‘alpineData’

March 29, 2021

Title Data for the alpine package vignette

Version 1.16.0

Author Michael Love

Maintainer Michael Love <michaelisaiahlove@gmail.com>

Description A small subset of paired-end RNA-seq reads from four samples of the GEUVADIS project.

License GPL (>=2)

Depends ExperimentHub, GenomicAlignments

Imports utils, AnnotationHub

Suggests GenomicAlignments, knitr

VignetteBuilder knitr

biocViews SequencingData, RNASeqData, ExpressionData

git_url <https://git.bioconductor.org/packages/alpineData>

git_branch RELEASE_3_12

git_last_commit 379b61e

git_last_commit_date 2020-10-27

Date/Publication 2021-03-29

R topics documented:

alpineData 1

Index 3

alpineData *GAlignmentPairs* for four samples from the GEUVADIS project

Description

FASTQ files for four RNA-seq samples from the GEUVADIS project were downloaded, aligned and constructed as `GAlignmentPairs`, according to the steps presented in `inst/scripts/make-data.R`

Usage

```
ERR188297(metadata=FALSE)
ERR188088(metadata=FALSE)
ERR188204(metadata=FALSE)
ERR188317(metadata=FALSE)
```

Arguments

metadata logical value indicating whether metadata only should be returned or if the resource should be loaded. Default behavior(metadata=FALSE) loads the data.

Format

GAlignmentPairs

Value

These accessor functions return GAlignmentPairs objects

Source

FASTQ files for four RNA-seq samples from the GEUVADIS project.

References

Lappalainen, T., et al. Transcriptome and genome sequencing uncovers functional variation in humans. *Nature*. 501(7468): 506-511 (2013) doi: 10.1038/nature12531

Examples

```
ERR188297()
```

Index

* datasets

alpineData, 1

alpineData, 1

alpineData-package (alpineData), 1

ERR188088 (alpineData), 1

ERR188204 (alpineData), 1

ERR188297 (alpineData), 1

ERR188317 (alpineData), 1