

Package ‘alpineData’

August 2, 2022

Title Data for the alpine package vignette

Version 1.22.0

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, markdown

VignetteBuilder knitr

biocViews SequencingData, RNASeqData, ExpressionData

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

git_branch RELEASE_3_15

git_last_commit ff85207

git_last_commit_date 2022-04-26

Date/Publication 2022-08-02

R topics documented:

| | |
|----------------------|----------|
| alpineData | 2 |
| 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, [2](#)

alpineData, [2](#)

alpineData-package (alpineData), [2](#)

ERR188088 (alpineData), [2](#)

ERR188204 (alpineData), [2](#)

ERR188297 (alpineData), [2](#)

ERR188317 (alpineData), [2](#)