

Package: CoSIAdata (via r-universe)

October 10, 2026

Title VST normalized RNA-Sequencing data with annotations for multiple species samples from Bgee

Description Variance Stabilized Transformation of Read Counts derived from Bgee RNA-Seq Expression Data. Expression Data includes annotations and is across 6 species (Homo sapiens, Mus musculus, Rattus norvegicus, Danio rerio, Drosophila melanogaster, and Caenorhabditis elegans) and across more than 132 tissues. The data is represented as a RData files and is available in ExperimentHub.

Version 1.12.0

biocViews ExperimentHub, RNASeqData, ExperimentData, PackageTypeData, OrganismData, Tissue, Caenorhabditis_elegans_Data, Danio_rerio_Data, Drosophila_melanogaster_Data, Homo_sapiens_Data, Mus_musculus_Data, Rattus_norvegicus_Data, SequencingData, ExpressionData

Depends R (>= 4.3.0), ExperimentHub (>= 2.6.0),

Suggests BiocStyle (>= 2.26.0), utils (>= 4.3.0), AnnotationHub (>= 3.7.3), knitr (>= 1.42)

Encoding UTF-8

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BugReports <https://github.com/lasseignelab/CoSIAdata/issues>

VignetteBuilder knitr

NeedsCompilation no

RoxygenNote 7.3.3

Config/pak/sysreqs libicu-dev libpng-dev libssl-dev zlib1g-dev

Repository Bioconductor 3.23

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RemoteUrl <https://github.com/bioc/CoSIAdata>

RemoteRef RELEASE_3_23

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.onLoad	<i>.onLoad Function for Resource Name</i>
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Description

Resource Name Function

Usage

```
.onLoad(libname, pkgname)
```

Arguments

libname	The name of the Library.
pkgname	The name of the Package.

Value

a set of functions specific to each resource species

References

Morgan M, Shepherd L (2022). ExperimentHub: Client to access ExperimentHub resources. R package version 2.6.0.

Examples

```
CoSIAdata::Danio_rerio()
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