

Package: loopcityData (via r-universe)

June 16, 2026

Title Experimental Data for the loopcity Package

Version 0.99.0

Description Provides Hi-C loop calls and chromatin interaction data used in examples and vignettes for the loopcity package. Includes GM12878 Hi-C loop calls at 10 kb resolution (Rao et al. 2014, GSE63525), shipped directly as GInteractions objects. K562 Hi-C contact matrices and CTCF and H3K27ac ChIP-seq signal tracks from Bond et al. 2023 (GSE214123, GSE213908) are hosted on ExperimentHub and retrieved on demand.

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Encoding UTF-8

Depends R (>= 4.5.0), ExperimentHub

Imports AnnotationHub, InteractionSet

Suggests loopcity, knitr, rmarkdown, BiocStyle

VignetteBuilder knitr

biocViews ExperimentHub, ExperimentData, Homo_sapiens_Data, SequencingData

RoxygenNote 7.3.2

BugReports <https://github.com/jpflores-13/loopcityData/issues>

URL <https://github.com/jpflores-13/loopcityData>

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

Repository <https://biocstaging.r-universe.dev>

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RemoteUrl <https://github.com/BiocStaging/loopcityData>

RemoteRef HEAD

RemoteSha e6541c038f810893ce044c9fbec9be966245208f