

Package: SingleRBook (via r-universe)

October 14, 2026

Title The Book of SingleR

Version 1.22.0

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Description Comprehensive guide to using the SingleR Bioconductor package (<https://bioconductor.org/packages/SingleR>) for automated cell annotation in single-cell RNA-seq datasets. Includes theoretical explanations, worked examples with code, and demonstrations of advanced functionality.

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Encoding UTF-8

URL <https://github.com/LTLA/SingleRBook>

biocViews ImmunoOncologyWorkflow, Workflow, SingleCellWorkflow

Workflow True

VignetteBuilder knitr

Depends AnnotationHub, BiocNeighbors, BiocParallel, BiocStyle, bluster, celldex, gridExtra, igraph, knitr, ontoProc, pheatmap, rebook, rmarkdown, scater, scran, scrapper, scRNAseq, scuttle, SingleR, TENxPBMCDData, viridis

Config/pak/sysreqs cmake libglpk-dev make libbz2-dev libicu-dev liblzma-dev libpng-dev libuv1-dev libxml2-dev libssl-dev python3 libnode-dev xz-utils zlib1g-dev

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