

Package ‘pQTLdata’

October 9, 2026

Title A Collection of Proteome Panels and Metadata

Version 0.7

Date 2026-10-9

Description It aggregates protein panel data and metadata for protein quantitative trait locus (pQTL) analysis using 'pQTLtools' (<<https://jinghuazhao.github.io/pQTLtools/>>). The package includes data from affinity-based panels such as 'Olink' (<<https://olink.com/>>) and 'SomaScan' (<<https://somalogic.com/>>), as well as mass spectrometry-based panels from 'CellCarta' (<<https://cellcarta.com/>>), 'Seer' (<<https://seer.bio/>>) and 'SWATH-MS' (<[doi:10.15252/msb.20178126](https://doi.org/10.15252/msb.20178126)>). The metadata encompasses updated annotations and publication details.

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URL <https://jinghuazhao.github.io/pQTLdata/>,
<https://github.com/jinghuazhao/pQTLdata>

BugReports <https://github.com/jinghuazhao/pQTLdata/issues>

Depends R (>= 3.5.0)

Imports knitr, Rdpack

RdMacros Rdpack

Suggests bookdown, dplyr, grid, Cairo, EnsDb.Hsapiens.v75, ensemblDb, IRanges, org.Hs.eg.db, S4Vectors, VennDiagram

VignetteBuilder knitr

LazyData Yes

LazyLoad Yes

LazyDataCompression xz

NeedsCompilation no

Encoding UTF-8

Config/roxygen2/version 8.0.0

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Repository CRAN

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