

Resource Summary Report

Generated by [RRID](#) on Aug 12, 2026

[regioneR](#)

RRID:SCR_028251

Type: Tool

Proper Citation

regioneR (RRID:SCR_028251)

Resource Information

URL: <http://www.bioconductor.org/packages/regioneR>

Proper Citation: regioneR (RRID:SCR_028251)

Description: Software R package to work with genomic regions. In addition to predefined randomization and evaluation strategies, regioneR is fully customizable. Implements function to evaluate local specificity of detected association. Used for association analysis of genomic regions based on permutation tests.

Resource Type: software toolkit, software resource

Defining Citation: [PMID:26424858](#)

Keywords: Association analysis of genomic regions, permutation tests, genomic regions, evaluate local specificity of detected association, custom strategies,

Funding: Spanish Ministry of Economy and Competitiveness ;
Government of Catalonia

Availability: Free, Available for download, Freely available

Resource Name: regioneR

Resource ID: SCR_028251

License: Artistic-2.0

Record Creation Time: 20260404T065919+0000

Record Last Update: 20260810T040939+0000

Ratings and Alerts

No rating or validation information has been found for regioneR.

No alerts have been found for regioneR.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Teoli J, et al. (2025) Transposable element expression is associated with sex chromosome number in humans. PLoS genetics, 21(6), e1011668.

Bruscadin JJ, et al. (2021) Muscle allele-specific expression QTLs may affect meat quality traits in Bos indicus. Scientific reports, 11(1), 7321.

Rigau M, et al. (2019) Intronic CNVs and gene expression variation in human populations. PLoS genetics, 15(1), e1007902.

Lyu X, et al. (2019) Genome-wide mapping and profiling of ??H2AX binding hotspots in response to different replication stress inducers. BMC genomics, 20(1), 579.

Castellanos E, et al. (2017) A comprehensive custom panel design for routine hereditary cancer testing: preserving control, improving diagnostics and revealing a complex variation landscape. Scientific reports, 7, 39348.