

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 15, 2026

GBRS

RRID:SCR_020963

Type: Tool

Proper Citation

GBRS (RRID:SCR_020963)

Resource Information

URL: <https://gbrs.readthedocs.io/en/latest/>

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Description: Software suite of tools for reconstructing genomes using RNA-Seq data from multiparent population and for quantifying allele specific expression.

Resource Type: software resource, software toolkit

Keywords: Reconstructing genomes, RNA-Seq data, multiparent population, quantifying allele specific expression

Availability: Free, Available for download, Freely available

Resource Name: GBRS

Resource ID: SCR_020963

License: GPLv3

Record Creation Time: 20220129T080353+0000

Record Last Update: 20260912T200257+0000

Ratings and Alerts

No rating or validation information has been found for GBRS.

No alerts have been found for GBRS.

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 [SPARC SAWG](#) .

Tyler AL, et al. (2025) Transcripts with high distal heritability mediate genetic effects on complex metabolic traits. *Nature communications*, 16(1), 5507.

Alessandrini F, et al. (2025) TDP-43 dysfunction compromises UPF1-dependent mRNA metabolism in ALS. *Neuron*.

Gerdes Gyuricza I, et al. (2022) Genome-wide transcript and protein analysis highlights the role of protein homeostasis in the aging mouse heart. *Genome research*, 32(5), 838.

Lee JY, et al. (2021) Misexpression of genes lacking CpG islands drives degenerative changes during aging. *Science advances*, 7(51), eabj9111.

Takemon Y, et al. (2021) Proteomic and transcriptomic profiling reveal different aspects of aging in the kidney. *eLife*, 10.