

Resource Summary Report

Generated by SPARC SAWG on Jul 29, 2026

Rank Rank Hypergeometric Overlap2

RRID:SCR_022754

Type: Tool

Proper Citation

Rank Rank Hypergeometric Overlap2 (RRID:SCR_022754)

Resource Information

URL: <https://github.com/RRHO2/RRHO2>

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Description: Software R package with new, more intuitive visualization of concordant and discordant gene overlap where all regions in RRHO plots are meaningful. Used for identification of statistically significant overlap between gene expression signatures.

Abbreviations: RRHO2

Synonyms: Rank–rank hypergeometric overlap2

Resource Type: software application, software resource, data analysis software, data processing software

Keywords: visualization of concordant and discordant gene overlap, statistically significant overlap identification, gene expression signatures

Availability: Free, Available for download, Freely available

Resource Name: Rank Rank Hypergeometric Overlap2

Resource ID: SCR_022754

License: GNU GPL v3.0

Record Creation Time: 20220917T050153+0000

Record Last Update: 20260729T044542+0000

Ratings and Alerts

No rating or validation information has been found for Rank Rank Hypergeometric Overlap2.

No alerts have been found for Rank Rank Hypergeometric Overlap2.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Mokhtari A, et al. (2025) Using multiomic integration to improve blood biomarkers of major depressive disorder: a case-control study. EBioMedicine, 113, 105569.

Willis CRG, et al. (2025) Chronic alcohol intake elicits distinct multi-omic profiles in the liver versus skeletal muscle of mice. bioRxiv : the preprint server for biology.

Gong X, et al. (2025) Adaptation to Volumetric Compression Drives an Apoptosis-Resistant and Invasive Phenotype in Liver Cancer. Cancer research, 85(16), 3156.

Vandenbempt V, et al. (2024) HAMSAB diet ameliorates dysfunctional signaling in pancreatic islets in autoimmune diabetes. iScience, 27(1), 108694.

Ding X, et al. (2024) Scalable and Efficient Generation of Mouse Primordial Germ Cell-like Cells. bioRxiv : the preprint server for biology.

Fait BW, et al. (2024) Spontaneously regenerative corticospinal neurons in mice. bioRxiv : the preprint server for biology.

Brivio E, et al. (2023) Sex shapes cell-type-specific transcriptional signatures of stress exposure in the mouse hypothalamus. Cell reports, 42(8), 112874.