

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

[glmpca](#)

RRID:SCR_025517

Type: Tool

Proper Citation

glmpca (RRID:SCR_025517)

Resource Information

URL: <https://github.com/willtownes/glmpca>

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Description: Software R package for dimension reduction of non-normally distributed data. Generalized PCA for non-normally distributed data.

Synonyms: generalized version of principal components analysis

Resource Type: software resource, software toolkit, source code

Defining Citation: [PMID:31870412](#)

Keywords: dimension reduction, non-normally distributed data, principal components analysis,

Funding: NCI T32CA009337;
NHGRI R00HG009007;
Chan-Zuckerberg Initiative ;
NHGRI R01HG005220;
NIGMS R01GM083084;
NHGRI P41HG004059

Availability: Free, Available for download, Freely available,

Resource Name: glmpca

Resource ID: SCR_025517

Alternate URLs: <https://CRAN.R-project.org/package=glmpca>

License: LGPL v3

Record Creation Time: 20240723T053255+0000

Record Last Update: 20260808T190726+0000

Ratings and Alerts

No rating or validation information has been found for glmpca.

No alerts have been found for glmpca.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Simmons SK, et al. (2026) Experimental and computational methods for allelic imbalance analysis from single-nucleus RNA-seq data. Genome biology, 27(1).

Simmons SK, et al. (2024) Experimental and Computational Methods for Allelic Imbalance Analysis from Single-Nucleus RNA-seq Data. bioRxiv : the preprint server for biology.