Resource Summary Report

Generated by ASWG on Aug 15, 2026

Guided Sparse Factor Analysis

RRID:SCR_025023
Type: Tool

Proper Citation

Guided Sparse Factor Analysis (RRID:SCR_025023)

Resource Information

URL: https://github.com/xinhe-lab/GSFA

Proper Citation: Guided Sparse Factor Analysis (RRID:SCR_025023)

Description: Software R package that performs sparse factor analysis and differential gene expression discovery simultaneously on single cell CRISPR screening data.

Abbreviations: GSFA

Resource Type: software toolkit, software resource

Defining Citation: PMID:37770710

Keywords: sparse factor analysis, differential gene expression, discovery simultaneously, single cell CRISPR screening data,

Funding: NIMH R01MH110531;
NHGRI R01HG010773;
NIMH R01MH116281;
NIGMS R01 GM126553;
NHGRI R01 HG011883;
NSF ;
Sloan Research Fellowship

Availability: Free, Available for download, Freely available

Resource Name: Guided Sparse Factor Analysis

Resource ID: SCR_025023

License: MIT license

Record Creation Time: 20240221T050231+0000

Record Last Update: 20260815T183202+0000

Ratings and Alerts

No rating or validation information has been found for Guided Sparse Factor Analysis.

No alerts have been found for Guided Sparse Factor Analysis.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at ASWG .

Pereira Dutra PE, et al. (2024) Cross-cultural adaptation of the Scale of Perception of Respect for and Maintenance of the Dignity of the Inpatient (CuPDPH) to Brazilian Portuguese and its psychometric properties-A multicenter cross-sectional study. Clinics (Sao Paulo, Brazil), 79, 100328.