Resource Summary Report

Generated by NIF on May 25, 2025

Differential Gene Correlation Analysis

RRID:SCR_020964
Type: Tool

Proper Citation

Differential Gene Correlation Analysis (RRID:SCR_020964)

Resource Information

URL: https://www.rdocumentation.org/packages/DGCA/versions/1.0.2

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Description: Software R package to perform differential gene correlation analysis. Performs differential correlation analysis on input matrices, with multiple conditions specified by design matrix.

Abbreviations: DGCA

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

Defining Citation: PMID:27846853

Keywords: Differential gene, gene, gene correlation, correlation analysis, input matrices, differential correlations, identifier pairs, gene expression data, calculate differential correlations

Funding: NIA F30 AG052261;
NIA R01 AG046170;
NCI R01 CA163772;
NIAID U01 AI111598

Availability: Free, Available for download, Freely available

Resource Name: Differential Gene Correlation Analysis

Resource ID: SCR_020964

Alternate URLs: https://github.com/andymckenzie/DGCA

License: GPLv3

Record Creation Time: 20220129T080353+0000

Record Last Update: 20250525T031910+0000

Ratings and Alerts

No rating or validation information has been found for Differential Gene Correlation Analysis.

No alerts have been found for Differential Gene Correlation 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 NIF.

Wang C, et al. (2022) Sex disparities in influenza: A multiscale network analysis. iScience, 25(5), 104192.