

# Resource Summary Report

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## 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>

**Proper Citation:** Differential Gene Correlation Analysis (RRID:SCR\_020964)

**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 analysis software, data processing software, software application, software resource

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

**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:** 20260821T194147+0000

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## 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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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