# Resource Summary Report

Generated by dkNET on Apr 23, 2025

## wMICA

RRID:SCR_015490
Type: Tool

### Proper Citation

wMICA (RRID:SCR_015490)

### Resource Information

**URL:** https://github.com/ChristophRau/wMICA

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**Description:** Weighted implementation of Maximal Information Component Analysis, a co-expression network analysis algorithm for analysis of large interconnected networks and the identification of modules of similarly-acting nodes within the larger network.

**Resource Type:** algorithm resource, software resource

**Defining Citation:** PMID:23487572

**Keywords:** network algorithm, network analysis, gene expression network

**Funding:**

**Availability:** Available for download

**Resource Name:** wMICA

**Resource ID:** SCR_015490

**Record Creation Time:** 20220129T080326+0000

**Record Last Update:** 20250422T055901+0000

### Ratings and Alerts

No rating or validation information has been found for wMICA.

No alerts have been found for wMICA.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Zhou H, et al. (2024) Developmental correspondence of juvenile stages across the locust, harlequin ladybird, and diamondback moth. iScience, 27(10), 110898.

Cordon-Obras C, et al. (2022) Identification of sequence-specific promoters driving polycistronic transcription initiation by RNA polymerase II in trypanosomes. Cell reports, 38(2), 110221.

Ly A, et al. (2019) Transcription Factor T-bet in B Cells Modulates Germinal Center Polarization and Antibody Affinity Maturation in Response to Malaria. Cell reports, 29(8), 2257.

Malaby AW, et al. (2018) Structural Dynamics Control Allosteric Activation of Cytohesin Family Arf GTPase Exchange Factors. Structure (London, England : 1993), 26(1), 106.

Rau CD, et al. (2017) Systems Genetics Approach Identifies Gene Pathways and Adamts2 as Drivers of Isoproterenol-Induced Cardiac Hypertrophy and Cardiomyopathy in Mice. Cell systems, 4(1), 121.