## **Resource Summary Report**

Generated by <u>ASWG</u> on May 1, 2025

# **wMICA**

RRID:SCR\_015490 Type: Tool

**Proper Citation** 

wMICA (RRID:SCR\_015490)

#### **Resource Information**

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

Proper Citation: wMICA (RRID:SCR\_015490)

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

Resource Type: software resource, algorithm 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: 20250501T081244+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 ASWG.

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.