

Resource Summary Report

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GENIST

RRID:SCR_016942

Type: Tool

Proper Citation

GENIST (RRID:SCR_016942)

Resource Information

URL: <https://github.com/madeluis/GENIST>

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Description: Software tool as an algorithm to infer gene regulatory networks from spatial and temporal datasets. Spatial dataset or any data that can provide information about coexpression is used by the first step of the algorithm to perform clustering and separate the genes in the network in smaller coexpressed groups. Temporal dataset is used by the second step of the algorithm to infer regulations among the genes, based on Bayesian networks.

Synonyms: Gene Regulatory Network Inference

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

Keywords: infer, gene, regulatory, network, spatial, temporal, dataset, data, coexpression, clustering, separate, Bayesian

Availability: Free, Available for download, Freely available

Resource Name: GENIST

Resource ID: SCR_016942

Alternate URLs: <https://github.com/madeluis/GENIST/commits/master>

Record Creation Time: 20220129T080332+0000

Record Last Update: 20260818T043548+0000

Ratings and Alerts

No rating or validation information has been found for GENIST.

No alerts have been found for GENIST.

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 [dkNET](#) .

Smet W, et al. (2019) DOF2.1 Controls Cytokinin-Dependent Vascular Cell Proliferation Downstream of TMO5/LHW. Current biology : CB, 29(3), 520.