

Resource Summary Report

Generated by [dkNET](#) on Apr 30, 2025

Inferelator

RRID:SCR_000218

Type: Tool

Proper Citation

Inferelator (RRID:SCR_000218)

Resource Information

URL: <http://bonneaulab.bio.nyu.edu/networks.html>

Proper Citation: Inferelator (RRID:SCR_000218)

Description: Algorithm for learning parsimonious regulatory networks from systems biology data sets de novo. Software that utilizes inference algorithm to model genetic regulatory networks. Inferelator 2.0 is scalable framework for reconstruction of dynamic regulatory network models.

Resource Type: software resource

Defining Citation: [PMID:23525069](#), [PMID:16686963](#), [PMID:19964678](#)

Keywords: modeling, inference algorithm, halobacterium, genetic regulatory network, learning regulatory network, model gene regulatory network

Funding:

Availability: Public, Open Source

Resource Name: Inferelator

Resource ID: SCR_000218

Alternate IDs: OMICS_01684

Record Creation Time: 20220129T080200+0000

Record Last Update: 20250420T013934+0000

Ratings and Alerts

No rating or validation information has been found for Inferelator.

No alerts have been found for Inferelator.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Dong X, et al. (2015) Reverse enGENEering of Regulatory Networks from Big Data: A Roadmap for Biologists. *Bioinformatics and biology insights*, 9, 61.

Arrieta-Ortiz ML, et al. (2015) An experimentally supported model of the *Bacillus subtilis* global transcriptional regulatory network. *Molecular systems biology*, 11(11), 839.

Greenfield A, et al. (2013) Robust data-driven incorporation of prior knowledge into the inference of dynamic regulatory networks. *Bioinformatics (Oxford, England)*, 29(8), 1060.