

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

MRFSEQ

RRID:SCR_002972

Type: Tool

Proper Citation

MRFSEQ (RRID:SCR_002972)

Resource Information

URL: <http://www.cs.ucr.edu/~yyang027/mrfseq.htm>

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Description: Algorithm based on a Markov random field (MRF) model that uses additional gene coexpression data to enhance differential gene expression prediction power. It is able to call differentially expressed (DE) genes but also assign confidence scores to each inferred DE gene.

Resource Type: software resource, algorithm resource

Defining Citation: [PMID:23793751](#)

Keywords: markov, algorithm, gene expression, prediction algorithm, bio.tools

Availability: Free, Available for download, Freely available

Resource Name: MRFSEQ

Resource ID: SCR_002972

Alternate IDs: biotools:mrfseq, OMICS_01309

Alternate URLs: <https://bio.tools/mrfseq>

Record Creation Time: 20220129T080216+0000

Record Last Update: 20260729T044034+0000

Ratings and Alerts

No rating or validation information has been found for MRFSEQ.

No alerts have been found for MRFSEQ.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.