

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 28, 2026

DiMO

RRID:SCR_001168

Type: Tool

Proper Citation

DiMO (RRID:SCR_001168)

Resource Information

URL: <http://stormo.wustl.edu/DiMO/>

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Description: Software for discriminative motif optimization based on perceptron training. It takes a seed motif along with a positive and a negative database and improves the motif based on a discriminative strategy. They use the area under receiver-operating characteristic curve (AUC) as a measure of discriminating power of motifs and a strategy based on perceptron training that maximizes AUC rapidly in a discriminative manner.

Abbreviations: DiMO

Synonyms: Discriminative Motif Optimizer, DiMO: Discriminative Motif Optimizer

Resource Type: software resource

Defining Citation: [PMID:24369152](#)

Keywords: r, motif, perceptron

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: DiMO

Resource ID: SCR_001168

Alternate IDs: OMICS_02190

Record Creation Time: 20220129T080206+0000

Record Last Update: 20260725T190456+0000

Ratings and Alerts

No rating or validation information has been found for DiMO.

No alerts have been found for DiMO.

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 [SPARC SAWG](#) .

Mathelier A, et al. (2016) DNA Shape Features Improve Transcription Factor Binding Site Predictions In Vivo. Cell systems, 3(3), 278.