

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

SIOMICS

RRID:SCR_011990

Type: Tool

Proper Citation

SIOMICS (RRID:SCR_011990)

Resource Information

URL: <http://www.eecs.ucf.edu/~xiaoman/SIOMICS/SIOMICS.html>

Proper Citation: SIOMICS (RRID:SCR_011990)

Description: A software to de novo identify motifs in large sequence datasets such as those from ChIP-seq experiments.

Abbreviations: SIOMICS

Synonyms: SIOMICS--Systematic Identification Of Motifs In ChIP-Seq data, SIOMICS - Systematic Identification Of Motifs In ChIP-Seq data .

Resource Type: software resource

Defining Citation: [PMID:24322294](#)

Availability: Free

Resource Name: SIOMICS

Resource ID: SCR_011990

Alternate IDs: OMICS_01805

Record Creation Time: 20220129T080307+0000

Record Last Update: 20260905T132717+0000

Ratings and Alerts

No rating or validation information has been found for SIOMICS.

No alerts have been found for SIOMICS.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Zhang Y, et al. (2022) A systematic study of HIF1A cofactors in hypoxic cancer cells. Scientific reports, 12(1), 18962.

Wang S, et al. (2022) A systematic study of motif pairs that may facilitate enhancer-promoter interactions. Journal of integrative bioinformatics, 19(1).

Wang S, et al. (2020) Shared distal regulatory regions may contribute to the coordinated expression of human ribosomal protein genes. Genomics, 112(4), 2886.

Wang Y, et al. (2017) Prognostic cancer gene signatures share common regulatory motifs. Scientific reports, 7(1), 4750.

Perez-Zamorano B, et al. (2017) Identification of cis-regulatory sequences reveals potential participation of Irf4 and Deaf1 transcription factors in Anopheles gambiae innate immune response. PloS one, 12(10), e0186435.

Duffy DJ, et al. (2015) Integrative omics reveals MYCN as a global suppressor of cellular signalling and enables network-based therapeutic target discovery in neuroblastoma. Oncotarget, 6(41), 43182.

Zheng Y, et al. (2015) Comprehensive discovery of DNA motifs in 349 human cells and tissues reveals new features of motifs. Nucleic acids research, 43(1), 74.

Ding J, et al. (2014) SIOMICS: a novel approach for systematic identification of motifs in ChIP-seq data. Nucleic acids research, 42(5), e35.