

Resource Summary Report

Generated by [NIF](#) on Aug 28, 2026

[DiNuP](#)

RRID:SCR_003046

Type: Tool

Proper Citation

DiNuP (RRID:SCR_003046)

Resource Information

URL: <http://www.tongji.edu.cn/~zhanglab/DiNuP/>

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Description: Software that compares the nucleosome profiles generated by high-throughput sequencing between different conditions. It provides a statistical p-value for each identified RDNP based on the difference of read distributions. DiNuP also empirically estimates the FDR as a cutoff when two samples have different sequencing depths and differentiate reliable RDNPs from the background noise.

Synonyms: DiNuP - A Systematic Approach to Identify Regions of Differential Nucleosome Positioning

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

Defining Citation: [PMID:22668788](#)

Keywords: nucleosome profile, regions of differential nucleosome positioning

Availability: Free, Freely available

Resource Name: DiNuP

Resource ID: SCR_003046

Alternate IDs: OMICS_00503

Record Creation Time: 20220129T080216+0000

Record Last Update: 20260821T193653+0000

Ratings and Alerts

No rating or validation information has been found for DiNuP.

No alerts have been found for DiNuP.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.