

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

## [DiNuP](#)

RRID:SCR\_003046

Type: Tool

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### Proper Citation

DiNuP (RRID:SCR\_003046)

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### Resource Information

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

**Proper Citation:** DiNuP (RRID:SCR\_003046)

**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 processing software, software application, data analysis software, 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:** 20260731T042644+0000

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### Ratings and Alerts

No rating or validation information has been found for DiNuP.

No alerts have been found for DiNuP.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.