## **Resource Summary Report**

Generated by dkNET on Apr 29, 2025

# **NURD**

RRID:SCR\_010988

Type: Tool

### **Proper Citation**

NURD (RRID:SCR\_010988)

### **Resource Information**

**URL:** http://bioinfo.au.tsinghua.edu.cn/software/NURD/

Proper Citation: NURD (RRID:SCR\_010988)

**Description:** An algorithm to inference isoform expression.

**Abbreviations: NURD** 

**Resource Type:** software resource

Keywords: bio.tools

**Funding:** 

Resource Name: NURD

Resource ID: SCR\_010988

Alternate IDs: biotools:nurd, OMICS\_01283

Alternate URLs: https://bio.tools/nurd

**Record Creation Time:** 20220129T080301+0000

**Record Last Update:** 20250420T014518+0000

## **Ratings and Alerts**

No rating or validation information has been found for NURD.

#### Data and Source Information

Source: SciCrunch Registry

## **Usage and Citation Metrics**

We found 62 mentions in open access literature.

**Listed below are recent publications.** The full list is available at dkNET.

Chen X, et al. (2024) CARM1 hypermethylates the NuRD chromatin remodeling complex to promote cell cycle gene expression and breast cancer development. Nucleic acids research, 52(12), 6811.

Gao T, et al. (2024) Transcription factor ZEB1 coordinating with NuRD complex to promote oncogenesis through glycolysis in colorectal cancer. Frontiers in pharmacology, 15, 1435269.

Schulte B, et al. (2024) High-resolution rectoscopy using MHz optical coherence tomography: a step towards real time 3D endoscopy. Scientific reports, 14(1), 4672.

Xie Z, et al. (2024) Vacuolar H+-ATPase determines daughter cell fates through asymmetric segregation of the nucleosome remodeling and deacetylase complex. eLife, 12.

Nie H, et al. (2024) In vivo evaluation of complex polyps with endoscopic optical coherence tomography and deep learning during routine colonoscopy: a feasibility study. Scientific reports, 14(1), 27930.

Yuan S, et al. (2024) Motor-free telerobotic endomicroscopy for steerable and programmable imaging in complex curved and localized areas. Nature communications, 15(1), 7680.

Vcelkova T, et al. (2023) GSE1 links the HDAC1/CoREST co-repressor complex to DNA damage. Nucleic acids research, 51(21), 11748.

Herchenröther A, et al. (2023) The H2A.Z and NuRD associated protein HMG20A controls early head and heart developmental transcription programs. Nature communications, 14(1), 472.

Basu S, et al. (2023) Live-cell three-dimensional single-molecule tracking reveals modulation of enhancer dynamics by NuRD. Nature structural & molecular biology, 30(11), 1628.

Li Z, et al. (2023) Transcriptomics of Hirschsprung disease patient-derived enteric neural crest cells reveals a role for oxidative phosphorylation. Nature communications, 14(1), 2157.

Sharifi Tabar M, et al. (2022) Unique protein interaction networks define the chromatin

remodelling module of the NuRD complex. The FEBS journal, 289(1), 199.

Bauer S, et al. (2022) Translatome profiling in fatal familial insomnia implicates TOR signaling in somatostatin neurons. Life science alliance, 5(11).

Yang Y, et al. (2022) SMYD3 associates with the NuRD (MTA1/2) complex to regulate transcription and promote proliferation and invasiveness in hepatocellular carcinoma cells. BMC biology, 20(1), 294.

Aubrey BJ, et al. (2022) IKAROS and MENIN coordinate therapeutically actionable leukemogenic gene expression in MLL-r acute myeloid leukemia. Nature cancer, 3(5), 595.

Dagan Y, et al. (2022) m6A is required for resolving progenitor identity during planarian stem cell differentiation. The EMBO journal, 41(21), e109895.

Lee JD, et al. (2021) Dual DNA and protein tagging of open chromatin unveils dynamics of epigenomic landscapes in leukemia. Nature methods, 18(3), 293.

Dailey HL, et al. (2021) Pilot study of micromotion nailing for mechanical stimulation of tibial fracture healing. Bone & joint open, 2(10), 825.

Allison HJ, et al. (2021) Gyroresonant wave-particle interactions with chorus waves during extreme depletions of plasma density in the Van Allen radiation belts. Science advances, 7(5).

Braun BJ, et al. (2021) Individualized Determination of the Mechanical Fracture Environment After Tibial Exchange Nailing-A Simulation-Based Feasibility Study. Frontiers in surgery, 8, 749209.

Planques A, et al. (2021) DNA methylation atlas and machinery in the developing and regenerating annelid Platynereis dumerilii. BMC biology, 19(1), 148.