

Resource Summary Report

Generated by [nidm-terms](#) on Jul 28, 2026

NOrMAL

RRID:SCR_010889

Type: Tool

Proper Citation

NOrMAL (RRID:SCR_010889)

Resource Information

URL: <http://www.cs.ucr.edu/~polishka/>

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Description: A command line software tool for accurate placing of the nucleosomes using a Modified Gaussian Mixture Model. It was designed to resolve overlapping nucleosomes and extract extra information (fuzziness, probability, etc.) of nucleosome placement. To achieve this goal the tool clusters the input tags according to Nucleosome Model (see the paper for detailed description) using EM learning process. The tool is written in C++. There are no special requirements except for g++ compiler and *nix environment to compile and use the tool. It was checked to compile using g++ compiler under Ubuntu 11.04 and Mac OS X 10.6

Abbreviations: NOrMAL

Synonyms: NOrMAL: Accurate Nucleosome Positioning using a Modified Gaussian Mixture Model

Resource Type: software resource

Keywords: bio.tools

Availability: Free for academic use

Resource Name: NOrMAL

Resource ID: SCR_010889

Alternate IDs: OMICS_00504, biotools:normal

Alternate URLs: <https://bio.tools/normal>

Record Creation Time: 20220129T080301+0000

Record Last Update: 20260725T190706+0000

Ratings and Alerts

No rating or validation information has been found for NOrMAL.

No alerts have been found for NOrMAL.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 83 mentions in open access literature.

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

Pourbabaki R, et al. (2026) Genetic polymorphisms of GSTM1 and GSTT1 genes: effects on susceptibility to formaldehyde-induced hematotoxicity. Molecular biology research communications, 15(1), 71.

Zeng X, et al. (2025) Stochastic-based learning for image classification in chest X-ray diagnosis. Digital health, 11, 20552076251361745.

Chun J, et al. (2025) Genome-wide association and selection studies for pod dehiscence resistance in the USDA soybean germplasm collection. PloS one, 20(3), e0318815.

Nir I, et al. (2025) The Biology, Microclimate, and Geology of a Distinctive Ecosystem Within the Sandstone of Hyper-Arid Timna Valley, Israel. Environmental microbiology reports, 17(5), e70188.

Ak?n T, et al. (2025) Phlegmonous appendicitis as a variant of uncomplicated appendicitis. Scientific reports, 15(1), 4387.

Siqueiros J, et al. (2025) Influence of loud auditory noise on postural stability in autistic children: an exploratory study. Scientific reports, 15(1), 19882.

Gencer G, et al. (2025) Advanced retinal disease detection from OCT images using a hybrid squeeze and excitation enhanced model. PloS one, 20(2), e0318657.

Jannat FE, et al. (2025) OCT-SelfNet: a self-supervised framework with multi-source datasets for generalized retinal disease detection. Frontiers in big data, 8, 1609124.

Bakhshalinejad R, et al. (2025) Comparative efficacy of hydroxychloride and organic sources of zinc, copper, and manganese on hatching eggs, embryo and hatchlings attributes. Poultry science, 104(2), 104728.

Moiz S, et al. (2025) Differential Expression of miRNAs Between Young-Onset and Late-Onset Indian Colorectal Carcinoma Patients. Non-coding RNA, 11(1).

Alves LKS, et al. (2025) Performance, carcass, and pork traits in barrows and gilts slaughtered over 130 kg: insights from a Brazilian perspective. Translational animal

science, 9, txaf023.

Huang X, et al. (2025) The mechanism by which MALAT1/CREG1 regulates premature rupture of fetal membrane through autophagy mediated differentiation of amniotic fibroblasts. *Non-coding RNA research*, 13, 29.

Pakarinen S, et al. (2025) Workload management measures for supporting nuclear industry main control room operators and emergency response organization personnel during crises-a scoping review. *Industrial health*, 63(3), 214.

Powroznik P, et al. (2025) Residual self-attention vision transformer for detecting acquired vitelliform lesions and age-related macular drusen. *Scientific reports*, 15(1), 17107.

Srinivasan A, et al. (2025) Encoding of speech modes and loudness in ventral precentral gyrus. *bioRxiv : the preprint server for biology*.

Deyhle RT, et al. (2025) Development of a method for evaluation of absorbed doses in preclinical in vivo γ CT. *Radiation protection dosimetry*, 201(13-14), 868.

Bissacco J, et al. (2025) CSF phospho-tau levels at Parkinson's disease onset predict the risk for development of motor complications. *Journal of neurology*, 272(9), 573.

Qin H, et al. (2024) A novel LGALS1-depended and immune-associated fatty acid metabolism risk model in acute myeloid leukemia stem cells. *Cell death & disease*, 15(7), 482.

Bakhshalinejad R, et al. (2024) Comparative efficacy of hydroxychloride and organic sources of zinc, copper, and manganese on egg production and concentration of trace minerals in eggs, plasma, and excreta in female broiler breeders from 42 to 63 weeks of age. *Poultry science*, 103(4), 103522.

Pacella KAC, et al. (2024) Using item response theory to identify key symptoms of insomnia in a sample of university students with probable eating disorders. *Eating and weight disorders : EWD*, 29(1), 49.