

Resource Summary Report

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PING

RRID:SCR_005394

Type: Tool

Proper Citation

PING (RRID:SCR_005394)

Resource Information

URL: <http://www.bioconductor.org/packages/2.12/bioc/html/PING.html>

Proper Citation: PING (RRID:SCR_005394)

Description: Software program for probabilistic inference of ChIP-Seq using an empirical Bayes mixture model approach.

Abbreviations: PING

Synonyms: Probabilistic inference for Nucleosome Positioning, PING - Probabilistic inference for Nucleosome Positioning with MNase-based or Sonicated Short-read Data

Resource Type: software resource

Keywords: clustering, sequencing, statistics, visualization, chip-seq, short-read

Availability: Artistic License v2

Resource Name: PING

Resource ID: SCR_005394

Alternate IDs: OMICS_00513

Alternate URLs: <http://www.nitrc.org/projects/ping>

Record Creation Time: 20220129T080230+0000

Record Last Update: 20260801T190251+0000

Ratings and Alerts

No rating or validation information has been found for PING.

No alerts have been found for PING.

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 [ASWG](#) .

Richier C, et al. (2025) Brain Age Prediction in Generalized Anxiety Disorder using a Convolutional Neural Network. Research square.

Yin W, et al. (2025) Charting brain functional development from birth to 6???years of age. Nature human behaviour, 9(6), 1246.

Mercadal B, et al. (2025) Bridging local and global dynamics: a biologically grounded model for cooperative and competitive interactions in the brain. bioRxiv : the preprint server for biology.

Doucet GE, et al. (2025) Dev-Atlas: A reference atlas of functional brain networks for typically developing adolescents. Developmental cognitive neuroscience, 72, 101523.

Wei X, et al. (2025) Analysis of germination characteristics and metabolome of *Medicago ruthenica* in response to saline-alkali stress. Frontiers in plant science, 16, 1592555.

Sun R, et al. (2025) The conversion of glucosamine to deoxyfructosazine and its impact on bread quality. Food chemistry: X, 27, 102432.

Musapoor S, et al. (2025) Media Supplementation With Gamma-Oryzanol Improves the Outcome of Ovine Oocyte Maturation In Vitro. Veterinary medicine and science, 11(1), e70134.

Yamada H, et al. (2025) HalALMT1 mediates malate efflux in the cortex of mature cluster rootlets of *Hakea laurina*, occurring naturally in severely phosphorus-impoveryshed soil. The New phytologist, 246(6), 2597.

Hong Y, et al. (2025) Effects of freezing and thawing on soil shear strength in the western farming pastoral ecotone of northern China. Scientific reports, 15(1), 23150.

Zhu AH, et al. (2025) Lifespan reference curves for harmonizing multi-site regional brain white matter metrics from diffusion MRI. Scientific data, 12(1), 748.

Ouancharee W, et al. (2025) Predomination of hypervirulent ST283 and genetic diversity of levofloxacin resistance in multidrug-resistant, hypervirulent *Streptococcus agalactiae* in Thailand. Journal of medical microbiology, 74(3).

Guo MC, et al. (2025) The Effects of Fungal Pathogen Infestation on Soil Microbial Communities for *Morchella sextelata* Cultivation on the Qinghai-Xizang Plateau. Journal of

fungi (Basel, Switzerland), 11(4).

Ru X, et al. (2025) Effect of a clinical decision support system for non-valvular atrial fibrillation on improving appropriate anticoagulation treatment in China's primary care: a cluster randomized controlled trial. *BMC primary care*, 26(1), 211.

Lim S, et al. (2025) Modification of Fc-fusion protein structures to enhance efficacy of cancer vaccine in plant expression system. *Plant biotechnology journal*, 23(3), 960.

Lau A, et al. (2025) Genetic Diversity and Interpopulation Variability of the Hong Kong Newt (*Paramesotriton hongkongensis*) in an Urbanized and Deforested Landscape. *Ecology and evolution*, 15(4), e70849.

Merz EC, et al. (2025) Socioeconomic factors, brain-derived neurotrophic factor Val66Met polymorphism, and cortical structure in children and adolescents. *Scientific reports*, 15(1), 18953.

Lewis JD, et al. (2024) Intelligence and cortical morphometry: caveats in brain-behavior associations. *Brain structure & function*, 229(6), 1417.

Galinski M, et al. (2024) Camera and telemetry data from Slovak roads in various light and weather conditions. *Scientific data*, 11(1), 1450.

Mukisa J, et al. (2024) High KIR diversity in Uganda and Botswana children living with HIV. *bioRxiv : the preprint server for biology*.

Okamoto A, et al. (2024) Neurotensin induces sustainable activation of the ErbB-ERK1/2 pathway, which is required for developmental competence of oocytes in mice. *Reproductive medicine and biology*, 23(1), e12571.