Resource Summary Report

Generated by dkNET on Apr 21, 2025

PUMA

RRID:SCR_002057
Type: Tool

Proper Citation

PUMA (RRID:SCR_002057)

Resource Information

URL: http://www.bioinf.manchester.ac.uk/resources/puma/

Proper Citation: PUMA (RRID:SCR_002057)

Description: Software program for developing probabilistic models for the analysis of microarray data.

Abbreviations: PUMA

Synonyms: Propagating Uncertainty in Microarray Analysis (PUMA), Propagating Uncertainty in Microarray Analysis

Resource Type: software resource, software application, simulation software

Defining Citation: PMID:19589155, DOI:10.1186/1471-2105-10-211

Keywords: microarray, bioinformatics, probability model

Funding: BBSRC

Resource Name: PUMA

Resource ID: SCR_002057

Alternate IDs: nif-0000-12498

Record Creation Time: 20220129T080211+0000

Record Last Update: 20250421T053308+0000

Ratings and Alerts

No rating or validation information has been found for PUMA.

No alerts have been found for PUMA.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 674 mentions in open access literature.

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

Benson JF, et al. (2025) Intrinsic and environmental drivers of pairwise cohesion in wild Canis social groups. Ecology, 106(1), e4492.

Rineer J, et al. (2025) A National Synthetic Populations Dataset for the United States. Scientific data, 12(1), 144.

Cao Y, et al. (2025) Health Insurance Coverage Changes Under the Affordable Care Act Among High Housing Cost Households, 2010-18. Health economics, 34(3), 415.

Kishimoto A, et al. (2024) Forecasting vaping health risks through neural network model prediction of flavour pyrolysis reactions. Scientific reports, 14(1), 9591.

Posadas J, et al. (2024) Fungal diversity in sediments of the eastern tropical Pacific oxygen minimum zone revealed by metabarcoding. PloS one, 19(5), e0301605.

Chai T, et al. (2024) Caveolin-1, a Determinant of the Fate of MCF-7 Breast Cancer Cells. Breast cancer : basic and clinical research, 18, 11782234241226802.

Marion S, et al. (2024) Mammal responses to human recreation depend on landscape context. PloS one, 19(7), e0300870.

Derippe T, et al. (2024) Quantitative systems pharmacology modeling of tumor heterogeneity in response to BH3-mimetics using virtual tumors calibrated with cell viability assays. CPT: pharmacometrics & systems pharmacology, 13(7), 1252.

Chiu ES, et al. (2024) Endogenous feline leukemia virus long terminal repeat integration site diversity is highly variable in related and unrelated domestic cats. Retrovirology, 21(1), 3.

Bader S, et al. (2024) Advanced computational predictive models of miRNA-mRNA interaction efficiency. Computational and structural biotechnology journal, 23, 1740.

Yuk J, et al. (2024) Effect of skull morphology on fox snow diving. Proceedings of the National Academy of Sciences of the United States of America, 121(19), e2321179121.

Kreuzer M, et al. (2024) Lifetime excess absolute risk for lung cancer due to exposure to radon: results of the pooled uranium miners cohort study PUMA. Radiation and environmental biophysics, 63(1), 7.

Turnley MT, et al. (2024) A fine-scale examination of parturition timing in temperate ungulates. Ecology and evolution, 14(7), e11703.

Gandhi M, et al. (2024) Impact of a point-of-care urine tenofovir assay on adherence to HIV pre-exposure prophylaxis among women in Kenya: a randomised pilot trial. The lancet. HIV, 11(8), e522.

Kitai H, et al. (2024) Combined inhibition of KRASG12C and mTORC1 kinase is synergistic in non-small cell lung cancer. Nature communications, 15(1), 6076.

Lagerstrom KM, et al. (2024) Impressive pan-genomic diversity of E. coli from a wild animal community near urban development reflects human impacts. iScience, 27(3), 109072.

Conlon NT, et al. (2024) Neratinib plus dasatinib is highly synergistic in HER2-positive breast cancer in vitro and in vivo. Translational oncology, 49, 102073.

Pelton SR, et al. (2024) Early Paleoindian use of canids, felids, and hares for bone needle production at the La Prele site, Wyoming, USA. PloS one, 19(11), e0313610.

Hernández-Alcántara P, et al. (2024) Morphometric and taxonomic approach to describe Heterospio variabilis (Annelida, Longosomatidae), a new species with three size-dependent morphotypes, from the Gulf of California, Eastern Pacific. PeerJ, 12, e17093.

Mezquida ET, et al. (2024) Habitat partitioning among sympatric tinamous in semiarid woodlands of central Argentina. PloS one, 19(1), e0297053.