

Resource Summary Report

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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: simulation software, software resource, software application

Defining Citation: [PMID:19589155](#), [DOI:10.1186/1471-2105-10-211](#)

Keywords: microarray, bioinformatics, probability model

Funding: BBSRC

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: PUMA

Resource ID: SCR_002057

Alternate IDs: nif-0000-12498

Record Creation Time: 20220129T080211+0000

Record Last Update: 20260803T040323+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 704 mentions in open access literature.

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

Lan T, et al. (2025) Enhancing inbreeding estimation and global conservation insights through chromosome-level assemblies of the Chinese and Malayan pangolin. *GigaScience*, 14.

Pick G, et al. (2025) Acceptance of Evidence Transfer Within German Early Benefit Assessment of New Drugs for Pediatric and Adolescents Target Populations. *PharmacoEconomics*, 43(5), 521.

Júnior OF, et al. (2025) Non-human primates as indicators of Kinetoplastida diversity in an urban environment in Midwest Brazil. *Frontiers in parasitology*, 4, 1547701.

Anton CB, et al. (2025) Distance, weather, and forage conditions drive timing of autumn migration in female mule deer. *Movement ecology*, 13(1), 10.

Rutherford KL, et al. (2025) Elk and Deer Habituate to Stationary Deterrents in an Agricultural Landscape. *Ecology and evolution*, 15(7), e71752.

Antolová D, et al. (2025) Prevalence of intestinal parasites in owned and shelter cats in Slovakia and felines from Slovak Zoos: A three-year survey with special focus on *Toxoplasma gondii*. *Current research in parasitology & vector-borne diseases*, 8, 100294.

Philson CS, et al. (2025) Social security: individuals in socially reciprocal groups may perceive security from predators. *Behavioral ecology : official journal of the International Society for Behavioral Ecology*, 36(2), araf008.

Schnabel JL, et al. (2025) IMPDH inhibition induces DNA replication stress and ATR sensitivity in Merkel cell carcinoma. *iScience*, 28(6), 112567.

Chen YC, et al. (2025) MiR221/222 in the conditioned medium of adipose-derived stem cells attenuates particulate matter and high-fat diet-induced cardiac apoptosis. *Stem cell research & therapy*, 16(1), 285.

Wang J, et al. (2025) Data-driven universal insights into tumorigenesis via hallmark networks. *NPJ systems biology and applications*, 11(1), 131.

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

Gaynor KM, et al. (2025) The influence of human presence and footprint on animal space use in US national parks. Proceedings. Biological sciences, 292(2051), 20251013.

Lozano-Forero A, et al. (2025) Performance study of a new diagnostic questionnaire for (Chronic obstructive pulmonary -disease) COPD with information on exposure to wood smoke, COPD-WS. Multidisciplinary respiratory medicine, 20(1).

Gentili M, et al. (2025) miRNA-mRNA network analysis identifies PAX5 as a potential regulator of adaptive immune response in COPD. bioRxiv : the preprint server for biology.

Shumilov E, et al. (2025) Functional apoptosis profiling reveals vulnerabilities in T-cell large granular lymphocytic leukemia. Annals of hematology, 104(1), 581.

Luo Q, et al. (2025) PUMA reduces FASN ubiquitination to promote lipid accumulation and tumor progression in human clear cell renal cell carcinoma. Cell death & disease, 16(1), 460.

Michalski T, et al. (2025) Influence of Lakeshore Riparian Vegetation on Diet, Feeding Rate, and Body Condition of Adfluvial Coastal Cutthroat Trout. Ecology and evolution, 15(6), e71470.

Nousias O, et al. (2025) Shotgun sequencing of airborne eDNA achieves rapid assessment of whole biomes, population genetics and genomic variation. Nature ecology & evolution, 9(6), 1043.

Lu B, et al. (2025) PLK1 inhibition enhances gemcitabine-induced apoptosis through PLK1-dependent ERK1/2-Bim and AKT1/Noxa signals in pancreatic cancer cells. Medical oncology (Northwood, London, England), 42(11), 508.

Montalvo E, et al. (2025) Avifauna of the El Pambilar Wildlife Refuge in Ecuador. Biodiversity data journal, 13, e147753.