

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 [RRID](#) .

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.