

Resource Summary Report

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BMTagger

RRID:SCR_014619

Type: Tool

Proper Citation

BMTagger (RRID:SCR_014619)

Resource Information

URL: http://hmpdacc.org/resources/tools_protocols.php

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Description: A tool that discriminates between human reads and microbial reads without performing an alignment of all reads to the human genome.

Synonyms: Best Match Tagger

Resource Type: software resource, software application, data processing software

Keywords: microbiome, human reads, metagenomics, microbial reads, human genome

Availability: Available as files

Resource Name: BMTagger

Resource ID: SCR_014619

Alternate URLs: <ftp://ftp.ncbi.nlm.nih.gov/pub/agarwala/bmtagger/>

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260804T043546+0000

Ratings and Alerts

No rating or validation information has been found for BMTagger.

No alerts have been found for BMTagger.

Data and Source Information

Usage and Citation Metrics

We found 73 mentions in open access literature.

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

Huang H, et al. (2025) Multi-omics dataset of individual variations in growth performance of large yellow croaker. *Scientific data*, 12(1), 90.

Peña-López Y, et al. (2025) Joint fluid multi-omics improves diagnostic confidence during evaluation of children with presumed septic arthritis. *Pediatric rheumatology online journal*, 23(1), 9.

Saidi F, et al. (2025) Effect of initiation of antiretroviral drugs for HIV prevention or treatment on the vaginal microbiome of pregnant women in Malawi. *NPJ biofilms and microbiomes*, 11(1), 67.

Trepka KR, et al. (2025) Shifts in the human gut microbiome during cancer chemotherapy are diet-dependent. *bioRxiv : the preprint server for biology*.

Lee G, et al. (2025) Distinct gut microbiome features characterize *Fasciola hepatica* infection and predict triclabendazole treatment outcomes in Peruvian patients. *Frontiers in cellular and infection microbiology*, 15, 1555171.

Wu L, et al. (2025) Immunosuppressants rewire the gut microbiome-alloimmune axis through time-dependent and tissue-specific mechanisms. *Cell communication and signaling : CCS*, 23(1), 506.

Sánchez-Peña L, et al. (2025) Broad spectrum of β -lactamase coverage and potent antimicrobial activity of xeruborbactam in combination with meropenem against carbapenemase-producing Enterobacterales, including strains resistant to new β -lactam/ β -lactamase inhibitor combinations. *Antimicrobial agents and chemotherapy*, 69(9), e0053325.

France MT, et al. (2025) VIRGO2: Unveiling the Functional and Ecological Complexity of the Vaginal Microbiome with an Enhanced Non-Redundant Gene Catalog. *bioRxiv : the preprint server for biology*.

Wei F, et al. (2025) Co-Fermented Black Barley and Quinoa Alleviate Hepatic Inflammation via Regulating Metabolic Disorders and Gut Microbiota in Mice Fed with High-Fat Diet. *Nutrients*, 17(20).

Beghini F, et al. (2025) Gut microbiome strain-sharing within isolated village social networks. *Nature*, 637(8044), 167.

Zhu J, et al. (2025) Microbial community succession during tobacco fermentation reveals a flavor-improving mechanism. *Frontiers in bioengineering and biotechnology*, 13, 1627842.

Wu L, et al. (2025) Rapamycin immunomodulation utilizes time-dependent alterations of lymph node architecture, leukocyte trafficking, and gut microbiome. *JCI insight*, 10(8).

Chakraborty A, et al. (2025) Life inside a bag: multiomics insights into the bagworm species *Eumeta crameri*. *DNA research : an international journal for rapid publication of reports on genes and genomes*, 32(6).

Xia Y, et al. (2025) Multi-omics analyses reveal altered gut microbial thiamine production in obesity. *Frontiers in microbiology*, 16, 1516393.

Kasmanas JC, et al. (2025) Integrating comparative genomics and risk classification by assessing virulence, antimicrobial resistance, and plasmid spread in microbial communities with gSpreadComp. *GigaScience*, 14.

Dong J, et al. (2025) Gut Microbiota and Tryptophan Metabolism as Therapeutic Targets for Spinal Cord Injury: Insights From Probiotic Treatment. *Journal of inflammation research*, 18, 7337.

Brockway MM, et al. (2025) Comparing Impacts of Donor Human Milk to Formula Supplementation on the Gut Microbiome of Full-Term Infants Born Via Cesarean Section: Protocol for a Pilot Randomized Controlled Trial. *Journal of human lactation : official journal of International Lactation Consultant Association*, 41(4), 575.

Rastegari F, et al. (2025) Comparison of Lysis and Amplification Methodologies for Optimal 16S rRNA Gene Profiling for Human and Mouse Microbiome Studies. *International journal of molecular sciences*, 26(3).

Feng Z, et al. (2024) Microbiological and functional traits of peri-implant mucositis and correlation with disease severity. *mSphere*, 9(7), e0005924.

Guo Y, et al. (2024) Dietary silymarin improves performance by altering hepatic lipid metabolism and cecal microbiota function and its metabolites in late laying hens. *Journal of animal science and biotechnology*, 15(1), 100.