

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

MARTA

RRID:SCR_004850

Type: Tool

Proper Citation

MARTA (RRID:SCR_004850)

Resource Information

URL: <http://bergelson.uchicago.edu/software/marta>

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Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on January 11, 2023. Java-based software that blasts each sequence that you provide it, and then looks for a consensus taxon among the top-hits returned from blast. MARTA uses NCBI's megablast program to align your sequence(s) against a local installation of blast. Then MARTA uses GenInfo Identifiers from the top-hits to retrieve taxonomic information from NCBI's taxonomy database. Using your thresholds/cutoffs, MARTA "votes" to find a taxonomic assignment by consensus; MARTA might resolve some sequences to species level, and others to kingdom or to no level, depending on the taxonomic information held within your tag or sequence.

Abbreviations: MARTA

Synonyms: Metagenomic AND rDNA Taxonomic Assignment

Resource Type: software resource

Keywords: taxonomy, java, metagenome, rdna, taxonomic assignment

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: MARTA

Resource ID: SCR_004850

Alternate IDs: OMICS_01454

Record Creation Time: 20220129T080226+0000

Record Last Update: 20260912T195617+0000

Ratings and Alerts

No rating or validation information has been found for MARTA.

No alerts have been found for MARTA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Hosseini-Pour P, et al. (2025) Risk of cervical laceration in forceps vs vacuum delivery: A systematic review and meta-analysis. *Acta obstetrica et gynecologica Scandinavica*, 104(1), 29.

Uematsu T, et al. (2024) Reducing the use of psychotropics in a convalescent rehabilitation ward. *Neuropsychopharmacology reports*, 44(1), 227.

Mendez Guzman E, et al. (2024) From outputs to insights: a survey of rationalization approaches for explainable text classification. *Frontiers in artificial intelligence*, 7, 1363531.

Tanyitiku MN, et al. (2024) Survival of *Escherichia coli* in Edible Land Snails: Implications for Heliciculture and Public Health. *Pathogens (Basel, Switzerland)*, 13(3).

Jo T, et al. (2024) Antiemetic Effect of Rikkunshito, a Japanese Kampo Herbal Medicine, on Cisplatin-induced Nausea and Vomiting: A Nationwide Database Study in Japan. *Internal medicine (Tokyo, Japan)*, 63(7), 919.

Silverio SA, et al. (2024) Freedom for some, but not for Mum: the reproductive injustice associated with pandemic 'Freedom Day' for perinatal women in the United Kingdom. *Frontiers in public health*, 12, 1389702.

Lione R, et al. (2024) Oral Health Epidemiological Investigation in an Urban Homeless Population. *Dentistry journal*, 12(10).

Gerdes L, et al. (2024) BASEPROD: The Bardenas Semi-Desert Planetary Rover Dataset. *Scientific data*, 11(1), 1054.

Cook MA, et al. (2023) Participation in the Georgia Food for Health programme and CVD risk factors: a longitudinal observational study. *Public health nutrition*, 26(11), 2470.

Isbell LK, et al. (2023) Age-adjusted high-dose chemotherapy followed by autologous stem cell transplantation or conventional chemotherapy with R-MP as first-line treatment in elderly primary CNS lymphoma patients - the randomized phase III PRIMA-CNS trial. *BMC cancer*, 23(1), 767.

Possamai G, et al. (2023) Chestnut Brown Rot and *Gnomoniopsis smithogilvyi*: Characterization of the Causal Agent in Portugal. *Journal of fungi* (Basel, Switzerland), 9(4).

Kiriazes R, et al. (2022) Impact and analysis of rider comfort in shared modes during the COVID-19 pandemic. *Transportation research. Part A, Policy and practice*, 165, 20.

Dr??kowski D, et al. (2022) Social perception of sexual harassment in informal relations. *Current issues in personality psychology*, 10(3), 227.

Isabet B, et al. (2022) Telepresence Robot Intervention to Reduce Loneliness and Social Isolation in Older Adults Living at Home (Project DOMIROB): Protocol for a Clinical Nonrandomized Study. *JMIR research protocols*, 11(10), e40528.

Jimeno I, et al. (2021) Social determinants in the access to health care for Chagas disease: A qualitative research on family life in the "Valle Alto" of Cochabamba, Bolivia. *PloS one*, 16(8), e0255226.

Russo MV, et al. (2021) Halogenated Volatile Organic Compounds in Water Samples and Inorganic Elements Levels in Ores for Characterizing a High Anthropogenic Polluted Area in the Northern Latium Region (Italy). *International journal of environmental research and public health*, 18(4).

Sullivan PS, et al. (2021) Disparities in Care Outcomes in Atlanta Between Black and White Men Who Have Sex With Men Living With HIV: Protocol for a Prospective Cohort Study (Engage[men]t). *JMIR research protocols*, 10(2), e21985.

Sánchez FJ, et al. (2020) Atrial Dyssynchrony Measured by Strain Echocardiography as a Marker of Proarrhythmic Remodeling and Oxidative Stress in Cardiac Surgery Patients. *Oxidative medicine and cellular longevity*, 2020, 8895078.

Cardani G, et al. (2020) Integrated Use of Measurements for the Structural Diagnosis in Historical Vaulted Buildings. *Sensors* (Basel, Switzerland), 20(15).

Oliver-Gelabert A, et al. (2020) Automatic Quantification of Cardiomyocyte Dimensions and Connexin 43 Lateralization in Fluorescence Images. *Biomolecules*, 10(9).