

Resource Summary Report

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RDP Classifier

RRID:SCR_022773

Type: Tool

Proper Citation

RDP Classifier (RRID:SCR_022773)

Resource Information

URL: <https://sourceforge.net/projects/rdp-classifier/>

Proper Citation: RDP Classifier (RRID:SCR_022773)

Description: Software tool as naive Bayesian classifier that can rapidly and accurately provide taxonomic assignments from domain to genus, with confidence estimates for each assignment.

Synonyms: Ribosomal Database Project Classifier

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

Keywords: naive Bayesian classifier, provide taxonomic assignments from domain to genus, confidence estimates for each assignment,

Funding:

Availability: Free, Available for download, Freely available

Resource Name: RDP Classifier

Resource ID: SCR_022773

Alternate URLs: <http://rdp.cme.msu.edu/>, <https://github.com/rdpstaff/classifier>

License: GNU GPL v2.0

Record Creation Time: 20220922T050155+0000

Record Last Update: 20250426T060914+0000

Ratings and Alerts

No rating or validation information has been found for RDP Classifier.

No alerts have been found for RDP Classifier.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 34 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Wang X, et al. (2025) Soil polluted system shapes endophytic fungi communities associated with *Arundo donax*: a field experiment. *PeerJ*, 13, e18789.

Zhang H, et al. (2025) Dynamic development of gut microbiota and metabolism during and after weaning of kittens. *Animal microbiome*, 7(1), 10.

Chen C, et al. (2025) Influences of Rearing Season, Host Plant, and Silkworm Species on Gut Bacterial Community. *Insects*, 16(1).

Shidore T, et al. (2025) Detection of necrotic enteritis risk through non-invasive monitoring of *Clostridium perfringens* in feces. *Poultry science*, 104(2), 104809.

Lv L, et al. (2025) Quinazolinone Derivative MR2938 Protects DSS-Induced Barrier Dysfunction in Mice Through Regulating Gut Microbiota. *Pharmaceuticals (Basel, Switzerland)*, 18(1).

Zheng Y, et al. (2024) Changes in the microbial community of semen exposed to different simulated forensic situations. *Microbiology spectrum*, 12(8), e0012524.

Zhang C, et al. (2024) Intestinal lysozyme1 deficiency alters microbiota composition and impacts host metabolism through the emergence of NAD⁺-secreting ASTB Qing110 bacteria. *mSystems*, 9(3), e0121423.

Hu Q, et al. (2024) Comparative analysis of gut microbiota of Chinese Kunming dog, German Shepherd dog, and Belgian Malinois dog. *Journal of veterinary science*, 25(6), e85.

Agrinier AL, et al. (2024) Camu-camu decreases hepatic steatosis and liver injury markers in overweight, hypertriglyceridemic individuals: A randomized crossover trial. *Cell reports*.

Medicine, 5(8), 101682.

Luo L, et al. (2024) Core microbes in *Cordyceps militaris* sclerotia and their nitrogen metabolism-related ecological functions. *Microbiology spectrum*, 12(10), e0105324.

Xu K, et al. (2024) Oral D-ribose causes depressive-like behavior by altering glycerophospholipid metabolism via the gut-brain axis. *Communications biology*, 7(1), 69.

Pinchart PE, et al. (2024) The genus *Limnospira* contains only two species both unable to produce microcystins: *L. maxima* and *L. platensis* comb. nov. *iScience*, 27(9), 110845.

Wang Q, et al. (2024) Updated RDP taxonomy and RDP Classifier for more accurate taxonomic classification. *Microbiology resource announcements*, 13(4), e0106323.

Wang J, et al. (2024) Mangrove afforestation as an ecological control of invasive *Spartina alterniflora* affects rhizosphere soil physicochemical properties and bacterial community in a subtropical tidal estuarine wetland. *PeerJ*, 12, e18291.

Dong X, et al. (2024) Rare microbial taxa as the major drivers of nutrient acquisition under moss biocrusts in karst area. *Frontiers in microbiology*, 15, 1384367.

Zhang W, et al. (2024) New aspects characterizing non-obese NAFLD by the analysis of the intestinal flora and metabolites using a mouse model. *mSystems*, 9(3), e0102723.

Zhang SY, et al. (2024) Distinct multitrophic biodiversity composition and community organization in a freshwater lake and a hypersaline lake on the Tibetan Plateau. *iScience*, 27(6), 110124.

Li L, et al. (2024) Soil amendments altered arbuscular mycorrhizal fungal communities in cadmium-contaminated vegetable fields. *Frontiers in microbiology*, 15, 1470137.

Liang X, et al. (2024) Changes in the intestinal microbiota of multiple myeloma patients living in high altitude and cold regions analyzed using 16s rRNA high throughput sequencing. *Experimental and therapeutic medicine*, 27(6), 269.

Zhao M, et al. (2024) Hexose/pentose ratio in rhizosphere exudates-mediated soil eutrophic/oligotrophic bacteria regulates the growth pattern of host plant in young apple-aromatic plant intercropping systems. *Frontiers in microbiology*, 15, 1364355.