

# Resource Summary Report

Generated by PRECISE-TBI on Sep 8, 2026

## 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, data processing software, software application, software resource

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

**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:** 20260905T133016+0000

### Ratings and Alerts

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

No alerts have been found for RDP Classifier.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 141 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Gao L, et al. (2026) Co-occurrence network analysis reveals novel associations between the neonatal airway microbiome and bronchopulmonary dysplasia risk: an observational, population-based study. *mSphere*, 11(2), e0085725.

Huang T, et al. (2026) Community structure and metabolite profiles of psychrophiles and thermophiles in bovine raw milk from arid inland areas. *Applied and environmental microbiology*, 92(6), e0106525.

Rizk NM, et al. (2026) Microbial community assembly and pathogen signatures in groundwater and tap water systems in greater Cairo, Egypt. *The Journal of the Egyptian Public Health Association*, 101(1).

Revankar AG, et al. (2026) Optimized collagenase biosynthesis (*Bacillus siamensis* strain Z1) and its application in collagen hydrolysate-mediated silver and zinc oxide nanoparticles synthesis and characterization with antibacterial, antioxidant and cytotoxic activities. *PloS one*, 21(3), e0344482.

Wei X, et al. (2026) Composition and diversity of gut microbiota in non-erosive reflux disease. *Frontiers in microbiology*, 17, 1795756.

Martins HL, et al. (2026) Bacteria in Peanut Nodules Under Herbicide and Non-Herbicide Management: Isolation, Identification, and Screening of Plant Growth-Promoting Traits. *Microorganisms*, 14(5).

Gong X, et al. (2026) Disentangling drivers of cross-domain microbial ??-variations in intertidal mudflats. *mSystems*, 11(3), e0177725.

Huang R, et al. (2026) From currents to water masses: fine-scale insights into microbial biogeography in the Kuroshio-Oyashio Extension region. *Applied and environmental microbiology*, 92(1), e0196025.

Apgar M, et al. (2026) Dietary fiber reduces mortality from secondary sepsis in a murine model of *Clostridioides difficile* infection. *iScience*, 29(4), 115258.

Lobel L, et al. (2026) Dietary sulfur amino acids enhance anti-tumor immunity in colon cancer via an NKT cell-XCL1-cDC1 circuit. *Immunity*, 59(6), 1708.

Tong X, et al. (2026) Gut microbiota and metabolic function in leeches with distinct feeding niches. *BMC microbiology*, 26(1).

Liao HY, et al. (2026) Geographical variation of *Ceracris kiangsu* gut microbiota and its association with environmental factors. *Frontiers in microbiology*, 17, 1752887.

Jiang Y, et al. (2026) Lower respiratory tract microbiota characteristics in patients with *Pseudomonas aeruginosa* pneumonia during antibiotic therapy. *Frontiers in cellular and infection microbiology*, 16, 1777821.

Li H, et al. (2026) Coexistence process and driving factors of arbuscular mycorrhizal fungi in urban green soil under heavy metal stress. *Applied and environmental microbiology*, 92(4), e0017126.

Zhang R, et al. (2026) Five-year fertilization alters soil microbial composition and functionality in sandy grassland. *Microbiology spectrum*, 14(5), e0296325.

Mao Q, et al. (2026) Melatonin-induced restoration of the intestinal mucosal barrier in inflammatory bowel disease via activation of the SIRT1-LKB1-pAMPK axis. *Frontiers in immunology*, 17, 1811583.

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

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

Li F, et al. (2025) A Comparison of the Intestinal Fungal Community in Wild and Captive Himalayan Vultures (*Gyps himalayensis*). *Polish journal of microbiology*, 74(3), 385.

Huang Z, et al. (2025) Composition of the Gut Microbiome and Its Response to Rice Stripe Virus Infection in *Laodelphax striatellus* (Hemiptera: Delphacidae). *Insects*, 16(11).