

Resource Summary Report

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SOAPBarcode

RRID:SCR_015776

Type: Tool

Proper Citation

SOAPBarcode (RRID:SCR_015776)

Resource Information

URL: <https://sourceforge.net/projects/metabarcoding/>

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Description: Software for metabarcoding of DNA. SOAPBarcode takes advantage of high throughput capacity of next-generation-sequencing (NGS) platforms and can characterize the biodiversity of large volumes of eukaryote samples.

Synonyms: metabarcoding

Resource Type: sequencing analysis software

Keywords: metabarcoding, metabarcode, bgi, soap, ngs, next generation sequencing, eukaryote

Funding: National High-tech Research and Development Project (863) of China 2012AA021601;
Yunnan Province 20080A001;
Chinese Academy of Sciences 0902281081;
Chinese Academy of Sciences KSCX2-YW-Z-1027;
National Natural Science Foundation of China 31170498;
Ministry of Science and Technology of China 2012FY110800;
University of East Anglia

Availability: Free, Available for download

Resource Name: SOAPBarcode

Resource ID: SCR_015776

Record Creation Time: 20220129T080327+0000

Record Last Update: 20260829T182501+0000

Ratings and Alerts

No rating or validation information has been found for SOAPBarcode.

No alerts have been found for SOAPBarcode.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 221 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Anderson SR, et al. (2026) Microbial community dynamics over large spatial and environmental gradients in a subtropical ocean basin. *Applied and environmental microbiology*, 92(2), e0188925.

Clever F, et al. (2026) Dietary resilience of coral reef fishes to habitat degradation. *The Journal of animal ecology*, 95(3), 397.

Seymour M, et al. (2026) Seasonality, Moisture, and Host Community Structure of *Haemaphysalis* Ticks in a Subtropical Urban Mosaic in Hong Kong, China. *Ecology and evolution*, 16(2), e73140.

Ong XR, et al. (2026) Using Metabarcoding Techniques to Map Multiple Dung Beetle-Vertebrate iDNA Networks in a Southeast Asian Forest. *Molecular ecology resources*, 26(5), e70151.

Tulloch RL, et al. (2026) Evaluating the Molecular Potential and Interpretability of DNA in Historical Spirit Collection Media. *Molecular ecology resources*, 26(4), e70153.

Domingues R, et al. (2026) Bioinformatics Strategy for 16s and 23s rRNA Metabarcoding Data. *Biotech (Basel (Switzerland))*, 15(2).

Blanco-Bercial L, et al. (2026) MetaZooGene Intercalibration Experiment (MZG-ICE): Metabarcoding Marine Zooplankton Diversity of the Global Ocean. *Molecular ecology resources*, 26(1), e70090.

Lee HB, et al. (2026) Characterization of Dominant Heterotrophic Flagellates in Anaerobic Digesters Using Combined Culture-based and Metabarcoding Approaches. *Microbial ecology*, 89(1).

Wu W, et al. (2026) Protist diversity and community structure around the Xianbei Seamount in the South China Sea. *Microbiology spectrum*, 14(1), e0273425.

Kim K, et al. (2026) Assessment of Freshwater Unionidae Using Environmental DNA Metabarcoding in Lentic Ecosystems: Implications for Spatial Sampling Strategies.

Biology, 15(4).

Bie??o K, et al. (2026) Exploring the *Tenebrio molitor* gut microbiota response to LDPE and PET: putative genetic indicators and methodological insights. *Frontiers in microbiology*, 17, 1746922.

Guo Q, et al. (2026) Research Progress in Bat Dietary Analysis: Methods, Applications, and Future Perspectives. *Biology*, 15(6).

Lemonnier C, et al. (2026) Comparison of Metabarcoding and Shotgun Sequencing Confirms the Relevance of Chloroplastic rRNA Genes to Assess Community Structure of Lake Phytoplankton. *Molecular ecology resources*, 26(1), e70077.

Motivans Švara E, et al. (2026) Method comparison of microscopy, metabarcoding, and multispectral imaging flow cytometry for identification and relative abundance analysis of insect-dispersed pollen. *Scientific reports*, 16(1).

López-García CM, et al. (2026) The microbiota of avocado floral nectar inhibits pathogens and improves plant fitness. *Journal of experimental botany*, 77(8), 2549.

Ruiz-Torrubia F, et al. (2026) Impacts of drought and manure fertilization on soil and radish resistomes. *Scientific reports*, 16(1).

Revault J, et al. (2026) Exploring microbial and metabolite composition of the external mucus of wild Mediterranean sparids: is there a link with their monogenean ectoparasites? *BMC microbiology*, 26(1).

Choi H, et al. (2026) Antarctic moss fairy rings serve as reservoirs for plant growth-promoting bacteria. *BMC plant biology*, 26(1), 299.

Olmos Pin A, et al. (2026) Benthic bacteria communities of coral reefs are shaped by sediment properties rather than coral trophic state. *PloS one*, 21(4), e0346135.

Sambolín-Pérez CA, et al. (2026) Revealing and characterizing bacterial communities of in vitro *Musa* species through 16S rDNA metabarcoding and culture dependent approaches. *Scientific reports*, 16(1), 5214.