

Resource Summary Report

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NBRC

RRID:SCR_002660

Type: Tool

Proper Citation

NBRC (RRID:SCR_002660)

Resource Information

URL: <http://www.nbrc.nite.go.jp/e/index.html>

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Description: Collection of microbial resources and perform taxonomic characterization of individual microorganisms such as bacteria including actinomycetes and archaea, yeasts, fungi, algae, bacteriophages and DNA resources for academic research and industrial applications. NBRC is a member of WFCC, OECD Global BRC Network, ACM and JSCC. They are certified by quality management system ISO 9001. To provide attractive biological resources with useful information attached, they actively collect potentially useful biological resources (microorganisms and cloned genes) and distributes them to promote basic research as well as industrial applications. At the Biological Resource Center, they explore, isolate and identify microorganisms from various natural environments and at the same time accept scientifically and industrially useful microorganisms from researchers in academic and industrial sectors. The microbial DNA library constructed at the Biotechnology Development Center is also part of their collection. To improve and expand the collection, new methodologies for the isolation, identification and preservation of microorganisms and DNA will be investigated and developed so as to provide biological resources of higher quality. Their resources serve, for example, as the standard for determining antimicrobial activity, in aseptic tests as well as for the production of pharmaceutical substances and will be constantly reinforced for wider distribution to researchers in academia and industries. Please refer to the catalog shown at the NBRC website for details.

Abbreviations: NBRC

Synonyms: National Institute of Technology and Evaluation Biological Resource Center, NITE Biological Resource Center, Biological Resource Center NITE

Resource Type: biomaterial supply resource, material resource

Keywords: cdna clone, dna, clone, human, oligo-capping, microbial, genomic, cdna, FASEB list

Availability: Restricted

Resource Name: NBRC

Resource ID: SCR_002660

Alternate IDs: nif-0000-22391

Record Creation Time: 20220129T080214+0000

Record Last Update: 20260808T190440+0000

Ratings and Alerts

No rating or validation information has been found for NBRC.

No alerts have been found for NBRC.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 866 mentions in open access literature.

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

Hane M, et al. (2026) A reverse transcription-quantitative polymerase chain reaction system for evaluating intestinal butyrate production by fecal bacteria. *Applied and environmental microbiology*, 92(1), e0183625.

Naranjo-Robayo N, et al. (2026) Updated taxonomy of the family Rhizobiaceae with proposals for 8 novel genera and 32 novel combinations. *International journal of systematic and evolutionary microbiology*, 76(4).

Saur KM, et al. (2026) In situ product removal via reactive extraction in itaconic acid fermentation with *Ustilago cynodontis*. *Biotechnology for biofuels and bioproducts*, 19(1).

Zhou H, et al. (2026) Two Novel Thiosulfate-Oxidizing Species from Coastal Sediments Reveal Distinct Ecological Strategies: *Pseudothioclava alba* sp. nov. and *Terasakiella sediminum* sp. nov. *Microorganisms*, 14(2).

Dietrich D, et al. (2026) Defined YNB-free mineral medium improves reproducibility and enables high-titer production in *Yarrowia lipolytica*. *Microbial cell factories*, 25(1).

Zhang J, et al. (2026) Transcriptomic insights into the role of CmLec4 in infection and development of *Cordyceps militaris*. *AMB Express*, 16(1).

Quan W, et al. (2026) Whole-genome analysis reveals the growth-promoting and biocontrol potential of *Bacillus amyloliquefaciens* Ba. YN.J3 isolated from *Avena Sativa*.

BMC genomics, 27(1).

Mizuno M, et al. (2026) Biosafety-cabinet wipe-cleaning assessment system: Integration of visual, thermal, and pressure sensing. *Regenerative therapy*, 33, 101151.

Ichikawa T, et al. (2026) Preparation of culture plates demonstrating anti-Staphylococcus aureus activity of Penicillium sp. and their use as teaching materials. *Access microbiology*, 8(6).

Hayashi T, et al. (2026) Quality of platelet concentrates after three-day storage following 265 nm ultraviolet C-light-emitting diode irradiation. *Transfusion medicine (Oxford, England)*, 36(1), 45.

Watanabe S, et al. (2026) Identification, functional characterization, and structural analysis of an atypical l-threonate 3-dehydrogenase. *The Journal of biological chemistry*, 302(3), 111280.

Oota T, et al. (2026) Acinetobacter bacteria could be potent degraders of fragmented polyethylene and polypropylene among the digestive tract bacteria of Galleria waxworms. *Scientific reports*, 16(1).

Yu J, et al. (2026) A Cell-Penetrating Peptide-Derived Fluorescent Probe for Selective Isolation of Bacterial Spores. *Microbial biotechnology*, 19(5), e70390.

Xia J, et al. (2026) Molecular Visualization of γ -Proteobacterial RNA Using a Newly Developed Probe in Extracted Samples, Bacterial Cells, and Rice Root Tissues. *Microorganisms*, 14(6).

Huynh TH, et al. (2026) Paulobutalipin, a Lipid Accumulation Inhibitor from a Streptomyces sp. *Journal of natural products*, 89(2), 682.

Nirwati H, et al. (2026) Streptomyces GMR22 exhibits anti-Porphyromonas gingivalis activity and binding affinity toward gingipain K and dipeptidyl aminopeptidase IV. *Journal of Taibah University Medical Sciences*, 21(3), 601.

Katayama YA, et al. (2026) Carbon monoxide-driven proton respiration enables facultative anaerobes to survive electron acceptor limitation. *The ISME journal*, 20(1).

Cho O, et al. (2026) Fungal-Bacterial Crosstalk Modulates Glucocorticoid-Primed TLR2 Signaling in the Human Skin. *Microorganisms*, 14(2).

Kenzaka T, et al. (2026) High extracellular polymeric substance production and biofilm-forming capacity of Ralstonia pickettii isolates from ISS potable water. *Microbiology spectrum*, 14(3), e0291325.

Horikawa S, et al. (2026) Gene expression profiling to elucidate the promotive effects of the volatile organic compound 3-octanone on the mycelial growth of Ganoderma lucidum. *Biotechnology letters*, 48(1), 32.