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, algaes, 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

Funding:

Resource Name: NBRC

Resource ID: SCR_002660

Alternate IDs: nif-0000-22391

Record Creation Time: 20220129T080214+0000

Record Last Update: 20250503T055525+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 735 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Daba GM, et al. (2025) Physicochemical and sensory characterization of functional synbiotic Labneh fortified with the bacteriocin-producing Lactiplantibacillus plantarum strain GA7 and nano-encapsulated Tirmania pinoyi extract. Microbial cell factories, 24(1), 18.

Mizuno M, et al. (2025) Changeover method for biosafety cabinets using ozone gas. PloS one, 20(1), e0318006.

Ganser C, et al. (2025) A look beyond topography: Transient phenomena of Escherichia coli cell division captured with high-speed in-line force mapping. Science advances, 11(5), eads3010.

Nakazawa Y, et al. (2025) Structure and function of a ?-1,2-galactosidase from Bacteroides xylanisolvens, an intestinal bacterium. Communications biology, 8(1), 66.

Chen J, et al. (2025) Horizontal Transfer and Recombination Fuel Ty4 Retrotransposon Evolution in Saccharomyces. Genome biology and evolution, 17(1).

He W, et al. (2025) Genetically-modified activation strategy facilitates the discovery of sesquiterpene-derived metabolites from Penicillium brasilianum. Synthetic and systems biotechnology, 10(2), 391.

Singh UA, et al. (2025) Delta opioid receptors affect acoustic features of song during vocal learning in zebra finches. BMC neuroscience, 26(1), 4.

Zhang W, et al. (2025) Scalable preparation of furanosteroidal viridin, ?-viridin and viridiol from Trichoderma virens. Scientific reports, 15(1), 3110.

Peng T, et al. (2025) ?Novel Helicosporium and Neohelicomyces (Tubeufiaceae, Tubeufiales) species from terrestrial habitats in China and Thailand. MycoKeys, 112, 81.

Mizuno M, et al. (2025) Cleaning methods for biosafety cabinet to eliminate residual mycoplasmas, viruses, and endotoxins after changeover. Regenerative therapy, 28, 73.

Horsman S, et al. (2025) Molecular Epidemiological Characteristics of Staphylococcus pseudintermedius, Staphylococcus coagulans, and Coagulase-Negative Staphylococci Cultured from Clinical Canine Skin and Ear Samples in Queensland. Antibiotics (Basel, Switzerland), 14(1).

Shen S, et al. (2024) Efficacy of a mouthwash containing ?-poly-L-lysine, funme peptides and domiphen in reducing halitosis and supragingival plaque: a randomized clinical trial. BMC oral health, 24(1), 525.

Kaewkla O, et al. (2024) Description of Streptomyces naphthomycinicus sp. nov., an endophytic actinobacterium producing naphthomycin A and its genome insight for discovering bioactive compounds. Frontiers in microbiology, 15, 1353511.

Suwa S, et al. (2024) In Situ Raman Hyperspectral Analysis of Microbial Colonies for Secondary Metabolites Screening. Analytical chemistry, 96(37), 14909.

Lin H, et al. (2024) Interspecific competition prevents the proliferation of social cheaters in an unstructured environment. The ISME journal, 18(1).

Palberg D, et al. (2024) Impact of glyphosate and glyphosate-based herbicides on phyllospheric Methylobacterium. BMC plant biology, 24(1), 119.

Takei S, et al. (2024) Isolation and identification of Wickerhamiella tropicalis from blood culture by MALDI-MS. Frontiers in cellular and infection microbiology, 14, 1361432.

Prajapat SK, et al. (2024) Methotrimeprazine is a neuroprotective antiviral in JEV infection

via adaptive ER stress and autophagy. EMBO molecular medicine, 16(1), 185.

Benning S, et al. (2024) (Pan)genomic analysis of two Rhodococcus isolates and their role in phenolic compound degradation. Microbiology spectrum, 12(4), e0378323.

Humaira Z, et al. (2024) Demequina capsici sp. nov., a novel plant growth-promoting actinomycete isolated from the rhizosphere of bell pepper (Capsicum annuum). Scientific reports, 14(1), 15830.