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# FORKOMIKRO

## CATALOGUE OF MICROORGANISMS

Atit Kanti,  
Gayuh Rahayu,  
Dalia Sukmawati et al.

...tidak diperjualbelikan

**FORKOMIKRO**  
**CATALOGUE**  
**OF**  
**MICROORGANISMS**

First published in 2023 by BRIN Publishing  
Available to download free: [penerbit.brin.go.id](http://penerbit.brin.go.id)



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### Cataloging in Publication

Forkomikro Catalog of Microorganisms/Atit Kanti, Gayuh Rahayu, Dalia Sukmawati, Iwan Saskiawan, Puspita Lisdiyanti, Yopi, Muhammad Ilyas, Indriati Ramadhani, I Nyoman Sumerta, Debora C. Purbani, Tri Ratna Sulistiyani, Siti Meliah, Masrukhin, Arif Nurkanto, Ade Lia Putri, Shanti Ratnakomala, Dian Nurcahyanto, Ruby Setiawan, Indra Maulana, Pratiwi Sudarmono, Ika Ningsih, Heti Rohasih, Muktiningsih, Tri Handayani K, Shabrina Nida A, Reni Indrayanti, Nining Betawati Prihantini, & Dian Hendra –Jakarta: BRIN Publishing, 2023.

xvi page + 545 page; 21 × 29,7 cm

ISBN 978-623-8052-53-0 (e-book)

1. Microorganisms

2. Forkomikro

3. Microbial Research

4. Microbial Culture Collection




579

Copy editor : Noviaстuti Putri Indrasari  
Proofreader : Anton Winarko & Sonny Heru Kusuma  
Layouter : Rahma Hilma Taslima  
Cover Designer : Dhevi E. I. R. Mahelingga

First Print : April 2023



Published by  
BRIN Publishing, Member of Ikapi  
Direktorat Repositori, Multimedia, dan Penerbitan Ilmiah  
Gedung B. J. Habibie, Jl. M. H. Thamrin No.8,  
Kb. Sirih, Kec. Menteng, Kota Jakarta Pusat,  
Daerah Khusus Ibukota Jakarta 10340  
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# EDITORIAL'S NOTE

As a scientific publisher, BRIN Publishing holds a high responsibility to enlighten society's intelligence and awareness through the provision of qualified publications available to the public at large. The fulfillment of this statutory obligation is one of the publisher's roles in promoting the educational and intellectual life of the nation as mandated by the Preamble of the 1945 Constitution. In this context, BRIN Publishing helps with the publication of the book entitled *Forkomikro Catalog of Microorganisms*. This book has encountered quality control mechanisms through the editorial process, including peer review.

Microorganisms are found everywhere in the environment and play a major role in countless processes, e.g., in the process of decomposition, the manufacture of fermented foods, and even in the formation of important compounds for the plants, which indirectly affect the air and climate. The knowledge on microorganisms accumulated during the past years led us to many discoveries for modern science, such as antibiotics and biotechnology. Therefore, it is very important to collect data and update collections of microorganisms in a catalog as documentation of national assets in the development of research, especially in the microbial sciences. This catalog was compiled by the FORKOMIKRO team, which is an update of the previous catalogs in 1999, 2000, and 2007. The catalog provides well standardized microbial collections, which is very useful for research and development.

The publisher hopes that this book can be used as a reference for microbiologists in a comprehensive study of the diversity of microorganisms. This book is also useful in supplementing and updating information about microorganisms documented by collectors in Indonesia: InaCC, IPBCC, MUICC, UNJCC, and UIMCC.



# FOREWORD

Congratulations and welcome to the 2nd edition of the microorganism catalog book—Microorganism Curator Communication Forum (FORKOMIKRO), entitled *FORKOMIKRO, Catalog of Microorganisms*. This catalog is a tangible output as a commitment of FORKOMIKRO to provide updated data on the availability of microorganisms in Indonesia.

Microbial Culture Collection provides an important reference on microorganisms for research and development purposes. It is a source of information on the diversity of cultured microorganisms. It is also a repository for economically valuable microbial strains as part of the patent repository, as well as secret services for storing valid organisms for industry and taxonomic research. Microbial Culture Collection also provides microorganisms cited in scientific papers that can be used to confirm the results and conduct further study.

Microbial Culture Collection has a long story. The first Microbial Culture Collection was founded by Prof. Frantisek Král in 1890 at the German University of Prague. Nowadays, there are about 568 Microbial Culture Collection facilities worldwide. These collections are categorized as national collections that provide extensive or specific services in providing microbial cultures through special agreements.

Microorganisms deposited in Microbial Culture Collection result from a series of microbiological works that begin with the process of exploration, isolation, and characterization. Finally, all microorganisms are stored with standardized storage and methods.

Catalogs containing microorganism data stored in Microbial Culture Collection are fundamental as an effort to preserve microbial cultures and to disseminate information on the use of standardized microorganisms for teaching, research and development, including bioprospecting.

We hope that this catalog can serve the purpose as a reference for the sustainable use of microbial genetic resources in Indonesia.

Jakarta, August 23, 2022

(Alm.) Prof. Dr. Endang Sukara  
Microbiologist,  
Lecturer at National University



# PREFACE

Microorganisms are a very important component of life in maintaining the continuity of life on earth. Microorganisms are the pioneers of life and a spearhead of the formation of new niches and habitats, including new habitats in the tropics. Indonesia is a tropical region that has a rich ecosystem and is also a supporting area for world biodiversity, which stretches around 17,000 high-biodiversity islands. Scientists believe that the diversity of flora and fauna is also supported by the diversity of microorganisms' physiological characteristics that are in accordance with their function in the ecosystem, which in turn, can be developed for various purposes. Microorganisms in Indonesia are also enriched by the culture and lifestyle of the people who are very close to the traditional use of microorganisms.

Microbial research activities in Indonesia have been started since 1874 with the isolation of mycorrhizae from the Bogor Botanical Garden. Furthermore, a lot of researches have been carried out, either with independent funds or in a collaboration involving researchers from various countries. Microorganisms collected from exploration activities are a nation's asset that will be very valuable if it is properly maintained by storing them in a culture collection so that they can be used as a reference for research activities that are very beneficial for the development of science. Not only in terms of basic research, but microorganisms have also been developed and used for various aspects of life, including food, medicine, health, the environment, and the pharmaceutical industry.

Research and development activities require a valid and standardized microbial collection so that the research and development activities can be carried out more productive and efficient. Therefore, the existence of culture collections is one of the most important assets in research and development. FORKOMIKRO is a Communication Forum for Indonesian Culture Collection Curators, which was established on March 20, 1996. FORKOMIKRO is a communication forum for exchanging information related to culture collection, both national and international. The members of FORKOMIKRO consist of curators from research institutes, universities, hospitals, and the industry. FORKOMIKRO regularly publishes a catalog of microorganisms: the first edition was published in 1999, the second edition was published in 2000, and the third edition was published in 2007. In 2022 FORKOMIKRO publishes a catalog containing information on Indonesian microorganisms. Along with microorganism exploration activities carried out by research institutes and universities, it has discovered many microorganisms, some of which are new taxa. With the regulations related to research activities, some of the results of these activities have been preserved and documented in various media. This microorganism catalog version 4 is a revision of the previous catalog and is expected to be used as a reference for culture accessions that will be useful for research and product development. This catalog is data that was successfully compiled in 2021, which will later be enriched with further research activities. This catalog contains more than 4,000 collections, from InaCC, IPBCC, MUICC, UNJCC, and UIMCC. It is hoped that this catalog will promote research and development activities, which will not only increase the diversity of Indonesian microorganisms, but also serve as an instrument for strengthening the bioprocess-based economy.

Coordinator of FORKOMIKRO 2022

Prof. Dr. Atit Kanti, M.Sc.



# HOW TO USE THIS CATALOG

This catalog consists of six chapters. Five chapters contain lists of microorganisms from each culture collection and one chapter presents the information regarding list of media. Each microorganism is sorted alphabetically by its scientific names with history, source of sample, and cultivation condition.

The rule of explanatory notes for Filamentous fungi, Yeast, Microalgae, Bacteria, Actinomycetes, Archaea, and Bacteriophage are as follows:

1. Actinoplanes cibodasensis
2. InaCC number: InaCC **A458<sup>T</sup>**
3. History: LIPI (A Nurkanto, LIPI11-2-Ac042 ← LIPI (A Nurkanto, Cli04 RC-5)
4. Other CC: NBRC 110974
5. Source of sample: Leaf litter of *Macropanax dispermus*
6. Locality: West Java, Indonesia
7. Cultivation: ISP 5/YSA, 28°C, pH 7.3

#### Explanation:

1. Scientific name : Scientifically valid name
2. InaCC number : InaCC Collection number, <sup>T</sup>= type strain
3. History : History before the strain deposited in InaCC
4. Other CC : Culture collection that also deposits the strain (if available)
5. Source of sample : Matrix of sample
6. Locality : Location of sample collected
7. Cultivation : Medium used with pH and incubation temperature (if available)

#### Explanatory notes for Bacteriophage:

1. Escherichia coli phage
2. InaCC number: InaCC **Bp1**
3. History: JSAT13-2-Bp001 ← LIPI (A. Atikana, LIPI13-2-Bp001)
4. Other CC: NBRC 111355
5. Host: InaCC B1213
6. Source of sample: Water of pond
7. Locality: Kuningan Bortanical Garden, Pasawahan, West Java, Indonesia
8. Cultivation: NBRC 802, 30°C



## Explanation:

1. Name
2. InaCC Number : InaCC Collection number
3. History : History before the strain deposited in InaCC
4. Other CC : Culture collection that also deposits the strain (if available)
5. Host : Host used for propagation
6. Source of sample : Matrix of sample
7. Locality : Location of sample collected
8. Cultivation : Consists of medium used with pH and incubation temperature (if available) for cultivating host

# INDONESIAN CULTURE COLLECTION (InaCC)

## PROFILE INDONESIAN CULTURE COLLECTION (InaCC)

<b>Name of culture collection</b>	Indonesian Culture Collection
<b>Acronym</b>	InaCC
<b>Parent organization</b>	Indonesian Institute of Sciences, BRIN
<b>Address</b>	Jl. Raya Jakarta-Bogor km. 46, Cibinong 16911, West Java, Indonesia
<b>Phone, email</b>	+62-21 8761356, inacc@brin.go.id
<b>Website</b>	<a href="http://inacc.biologi.lipi.go.id/">http://inacc.biologi.lipi.go.id/</a> , <a href="https://elsa.lipi.go.id/">https://elsa.lipi.go.id/</a>
<b>Management</b>	Dr. Ir. Hendro Wicaksono, M.Sc. Eng (Directorate of Scientific Collection Management, BRIN)
<b>Members and speciality</b>	Muhammad Ilyas, M. Si. (Filamentous fungi) Indriati Ramadhani, M.Si. (Filamentous fungi) Prof. Dr. Atit Kanti, M.Sc. (Yeast) I Nyoman Sumerta, M.Sc. (Yeast) Debora Christin Purbani, M.Si. (Microalgae) Tri Ratna Sulistiani, M.Si. (Bacteria) Siti Meliah, M.Si. (Bacteria) Masrukhin, M.Si. (Bacteria) Dr. Arif Nurkanto, M.Si. (Actinobacteria, secondary metabolites) Ade Lia Putri, M.Si. (Actinobacteria, secondary metabolites) Dr. Shanti Ratnakomala, M.Si. (Actinobacteria) Dian Alfian, M.Si. (Archaea) Ruby Setiawan, M.Si. (Bacteriophage)
<b>Kinds of holdings</b>	Filamentous fungi, yeast, microalgae, bacteria, actinomycetes, Archaea, bacteriophage
<b>Services</b>	Distribution of microbial collection Depository of microorganisms Identification of microorganisms Chemical analysis
<b>Preservation methods</b>	Freezing -80°C, L-drying

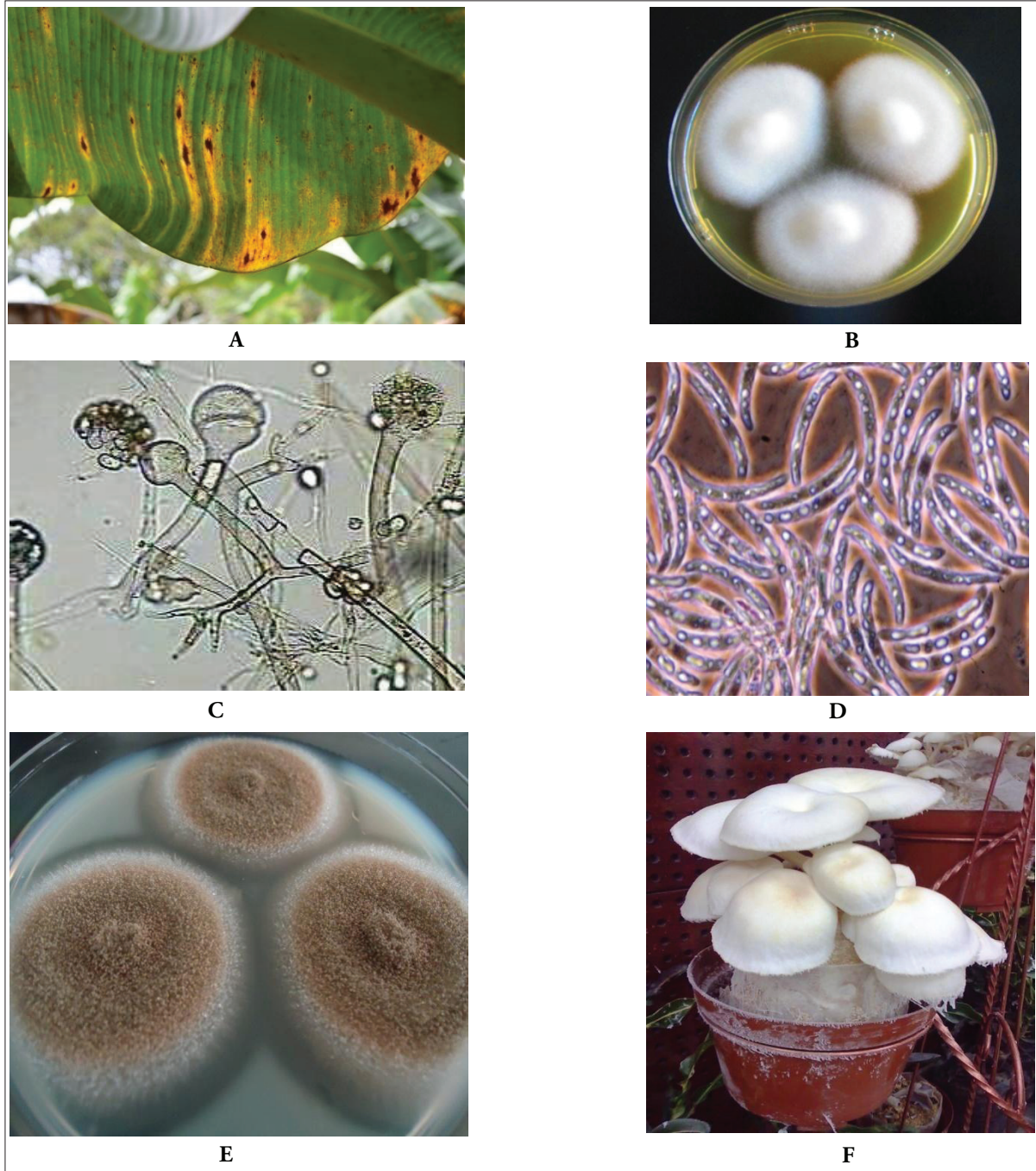


## FILAMENTOUS FUNGI

Filamentous fungi or mold is any member of the group of eukaryotic microorganisms belonging to the Kingdom Fungi. Kingdom Fungi shows a great diversity in morphology and habitat. However, little is known regarding the true biodiversity of fungi, which has been estimated at 1.5 to 5 million species, with about 5% of these having been formally classified. The term of filamentous fungi or mold refers to the form of morphological structure, even though that term was not an official or formal taxonomical group. Based on advanced molecular DNA analysis and phylogenetic study, members of the fungi are classified into several Phyla, i.e Chytridiomycota, Zygomycota, Glomeromycota, Ascomycota, and Basidiomycota.

Fungi are one of the most important organisms on the planet that play highly impactful roles, both in ecosystem and in human's life. In most terrestrial (and some aquatic) ecosystems, fungi play the essential role as a decomposer in nutrient cycling by means of degrading organic matter into inorganic molecules, which can then re-enter anabolic metabolic pathways in plants or other organisms. Many fungi have important symbiotic relationships with other organisms. These interactions can be mutualistic, parasitic, or commensal. In the human life, fungi are used as the source of food, medicine, biocontrol, bioremediation, bioactive-chemical producers in industry, and model of organism. Nonetheless, some of the fungi also responsible in human diseases, biodeterioration, and food poisoning.

There are 940 filamentous fungi collections in InaCC and the collections were obtained from assemblages of isolation methods from several sources, such as soil, water, air, plant parts, leaf litter, fruiting body, and fermented food. The collections also obtained from exchange mechanism between culture collections and depository mechanisms with the stakeholders. For maintaining the viability, purity, identity, and stability of the collected strains, all of the InaCC filamentous fungi collections was stored in metabolically inactive conditions by implementing the liophilization/L-drying and freezing  $-80^{\circ}\text{C}$  preservation methods.



Note: (A) Sigatoka leaf spot disease on banana (*Musa* spp.) caused by filamentous fungi *Mycosphaerella musicola*, one of the most destructive diseases of banana that was first recognized in Java, Indonesia, in 1902

(B) Culture of *Cercospora* (asexual/anamorph stage of *Mycosphaerella*) growth on Potato Dextrose Agar

(C) Light microscopic imaging of *Rhizopus oligosporus*-InaCC F225, a filamentous fungi that play a major role in Indonesian-origin traditional fermented food tempeh

(D) Microscopic view with phase contrast imaging of macroconidia of *Fusarium solani*-InaCC F83 strain was isolated from mangrove leaf litter, Waigeo-Raja Ampat Islands, Papua.

(E) *Aspergillus aculeatus*-InaCC F101 showed a positive result on protease activity assay.

(F) Fruiting body (basidiocarp) of *Pleurotus ostreatus*-InaCC F10, an "oyster mushroom" that widely cultivated and also most popular edible mushroom in Indonesia

Source: Fungi Laboratory, InaCC; (A), (B), (C) 2008; (D), (F) 2007; (E) 2009

**Figure 1.1** Diversity of Fungi Collected in InaCC

## LIST OF FILAMENTOUS FUNGI

### *Achlya* sp.

InaCC Number: InaCC **F544**

History: InaCC F544 ← NBRC (S. Inaba) & LIPI (M. Ilyas), S04-ss01

Source of sample: Soil/mud collected from ± 1 month old of paddy (*Oryza sativa*) field

Locality: Harjobinangun, Pakem, Sleman Regency, Yogyakarta Special Region

Cultivation: PDA, pH 5.6, 25°C

### *Achlya* sp.

InaCC Number: InaCC **F588**

History: NBRC (S. Inaba) & LIPI (M. Ilyas), BS24-ss02

Source of sample: Soil (mud) collected from ± 1 month old paddy (*Oryza sativa* L.) field

Locality: Paddy field near Baturiti Market, Baturiti District, Tabanan Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

### *Achlya* sp.

InaCC Number: InaCC **F579**

History: NBRC (S. Inaba) & LIPI (M. Ilyas), BS06-ss01

Source of sample: Soil (mud) collected from almost harvested paddy (*Oryza sativa* L.) field

Locality: Junggu Village, North Kuta District, Badung Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

### *Achlya* sp.

InaCC Number: InaCC **F545**

History: NBRC (S. Inaba) & LIPI (M. Ilyas), S05-ss01

Source of sample: Soil/mud collected from ditch near ± 1 month age of paddy (*Oryza sativa* L.) field

Locality: Harjobinangun, Pakem, Sleman Regency, Yogyakarta Special Region

Cultivation: PDA, pH 5.6, 25°C

### *Acremonium* sp.

InaCC Number: InaCC **F653**

History: LIPI (M. Ilyas, LIPI12-2-F278) ← IPB (G. Rahayu, D124)

Source of sample: Root of *Cinchona calisaya* Wedd.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: PDA, pH 7.0, 27°C

### *Acremonium strictum*

InaCC Number: InaCC **F656**

History: LIPI (M. Ilyas, LIPI12-2-F284) ← IPB (G. Rahayu, D241)

Source of sample: Root of *Cinchona calisaya* Wedd.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: PDA, pH 7.0, 27°C

***Acremonium strictum***InaCC Number: InaCC **F655**

History: LIPI (M. Ilyas, LIPI12-2-F283) ← IPB (G. Rahayu, D221)

Source of sample: Root of *Cinchona calisaya* Wedd.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: PDA, pH 7.0, 27°C

***Acremonium strictum***InaCC Number: InaCC **F649**

History: LIPI (M. Ilyas, LIPI12-2-F271) ← IPB (G. Rahayu, C311)

Source of sample: Root of *Cinchona calisaya* Wedd.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: PDA, pH 7.0, 27°C

***Acremonium strictum***InaCC Number: InaCC **F648**

History: LIPI (M. Ilyas, LIPI12-2-F268) ← IPB (G. Rahayu, C241)

Source of sample: Root of *Cinchona calisaya* Wedd.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: PDA, pH 7.0, 27°C

***Acremonium strictum***InaCC Number: InaCC **F643**

History: LIPI (M. Ilyas, LIPI12-2-F250) ← IPB (G. Rahayu, A432)

Source of sample: Root of *Cinchona calisaya* Wedd.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: PDA, pH 7.0, 27°C

***Agaricus campestris* L.**InaCC Number: InaCC **F126**

History: LIPI (E. Sumiati, LIPIMC 0678)

Source of sample: BALITSA

Locality: APR, Netherland

Cultivation: PDA

***Agaricus flocculosipes***InaCC Number: InaCC **F1074**

History: InaCC ← RC. Biology. LIPI (Indri, CKMS020)

Source of sample: Leaf litter

Locality: Mt. Halimun Salak National Park (GHSNP), Sukabumi, West Java

Cultivation: PDA

***Agrocybe aegerita***InaCC Number: InaCC **F137**

History: LIPI (E. Sumiati, LIPIMC 0700)

Source of sample: BALITSA

Locality: APR, Netherland

Cultivation: PDA

***Agrocybe pediades***InaCC Number: InaCC **F1012**

History: InaCC F1012 ← RC. Biology. LIPI (Indri, Nursery-1)

Source of sample: Mushroom fruiting body

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Alternaria eichhorniae***InaCC Number: InaCC **F1056**

History: InaCC F1056 ← LIPI (Muhammad Ilyas, ML2CL-1)

Source of sample: Lamina of *Moringa oleifera* Lam.

Locality: Tragtag Village, Lingsar District, West Lombok Regency, Lombok

Cultivation: PDA

***Alternaria porri***InaCC Number: InaCC **F195**

History: LIPI (I. Hidayat, LIPIMC 0603) ← LIPI (I. Hidayat)

Source of sample: Leaf spot of onion (*Allium* spp.)

Locality: AGATO organic farm, Bogor

Cultivation: MEA

***Alternaria solani***InaCC Number: InaCC **F1024**

History: InaCC ← IPB (W Setiawan, A02)

Source of sample: Tomato (*Solanum lycopersicum* L.) plant

Locality: Citapen Village, Ciawi District, Bogor Regency, West Java

Cultivation: PDA

***Alternaria solani***InaCC Number: InaCC **F1025**

History: InaCC ← IPB (W Setiawan, B02)

Source of sample: Tomato (*Solanum lycopersicum* L.) plant

Locality: Citapen Village, Ciawi District, Bogor Regency, West Java

Cultivation: PDA

***Amanita* sp.**InaCC Number: InaCC **F769**

History: LIPI (I. M. Sudiana, LIPI14-3-EMF057) ← U. Tokyo (K. Nara, 58)

Other CC: NBRC112059

Source of sample: Sporocarps in Dipterocarpaceae forests

Locality: Haurbentes, Pasawahan, West Java

Cultivation: Modified Melin-Norkrans (MMN) Medium, pH 5.8, 20°C

***Amanita* sp.**InaCC Number: InaCC **F770**

History: LIPI (I. M. Sudiana, LIPI14-3-EMF039) ← U. Tokyo (K. Nara, 39)

Other CC: NBRC112060

Source of sample: Sporocarps in Dipterocarpaceae forests

Locality: Mt. Dahu, Pasawahan, West Java

Cultivation: Modified Melin-Norkrans (MMN) Medium, pH 5.8, 20°C

***Amauroderma rugosum***InaCC Number: InaCC **F1084**

History: InaCC ← RC. Biology. LIPI (Indri, F19-IN002)

Source of sample: Dead log

Locality: Indonesian Culture Collection (InaCC) Greenhouse, Cibinong, West Java

Cultivation: PDA

***Aphanomyces* sp.**InaCC Number: InaCC **F526**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S08-gl02

Source of sample: Soil/mud collected from ± 1.5 month old of paddy (*Oryza sativa* L.) field

Locality: Borobudur Village, Magelang Regency, Central Java

Cultivation: PDA, pH 5.6, 25°C

***Aphanomyces* sp.**InaCC Number: InaCC **F590**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), BS02-cs01

Source of sample: Soil collected from dried paddy (*Oryza sativa* L.) field after harvested

Locality: Beraban, Banjar Batugain Village, Kediri District, Tabanan Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Apodus* sp.**InaCC Number: InaCC **F573**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S23-pp03

Source of sample: Soil/mud collected from ± 2 months old paddy (*Oryza sativa* L.) field

Locality: Imogiri, Bantul Regency, Yogyakarta Special Region

Cultivation: PDA, pH 5.6, 25°C

***Aspergillus aculeatus***InaCC Number: InaCC **F509**

History: LIPI (M. Ilyas, LIPI11-2-F435) ← LIPI (M. Ilyas, P3-02)

Other CC: NBRC112083

Source of sample: Rhizosphere *Piper bettle* L.

Locality: Eka Karya Botanical Garden, Bedugul, Bali; 1371 m.alt.

Cultivation: PDA, pH 7, 27°C



***Aspergillus aculeatus***

InaCC Number: InaCC F503

History: LIPI (M. Ilyas, LIPI11-2-F429) ← LIPI (M. Ilyas, P1-04)

Source of sample: Rhizosphere *Piper bantamense* Blume

Locality: Eka Karya Botanical Garden, Bedugul, Bali; 1378 m.alt.

Cultivation: PDA, pH 7, 27°C

***Aspergillus aculeatus***

InaCC Number: InaCC F508

History: LIPI (M. Ilyas, LIPI11-2-F434) ← LIPI (M. Ilyas, P2-14)

Other CC: NBRC112082

Source of sample: Rhizosphere of *Piper nigrum* L.

Locality: Eka Karya Botanical Garden, Bedugul, Bali; 1378 m.alt.

Cultivation: PDA, pH 7, 27°C

***Aspergillus aculeatus***

InaCC Number: InaCC F514

History: LIPI (M. Ilyas, LIPI11-2-F440) ← LIPI (M. Ilyas, P4-05)

Source of sample: Rhizosphere of *Piper macropiper* Pennant

Locality: Eka Karya Botanical Garden, Bedugul, Bali; 1374 m.alt.

Cultivation: PDA, pH 7, 27°C

***Aspergillus aculeatus***

InaCC Number: InaCC F513

History: LIPI (M. Ilyas, LIPI11-2-F439) ← LIPI (M. Ilyas, P4-01)

Source of sample: Rhizosphere *Piper macropiper* Pennant

Locality: Eka Karya Botanical Garden, Bedugul, Bali; 1374 m.alt.

Cultivation: PDA, pH 7, 27°C

***Aspergillus aculeatus***

InaCC Number: InaCC F512

History: LIPI (M. Ilyas, LIPI11-2-F438) ← LIPI (M. Ilyas, P3-10)

Source of sample: Rhizosphere of *Piper bettle* L.

Locality: Eka Karya Botanical Garden, Bedugul, Bali; 1371 m.alt.

Cultivation: PDA, pH 7, 27°C

***Aspergillus aculeatus***

InaCC Number: InaCC F510

History: LIPI (M. Ilyas, LIPI11-2-F436) ← LIPI (M. Ilyas, P3-04)

Source of sample: Rhizosphere of *Piper bettle* L.

Locality: Eka Karya Botanical Garden, Bedugul, Bali; 1371 m.alt.

Cultivation: PDA, pH 7, 27°C

***Aspergillus aculeatus***

InaCC Number: InaCC F101

History: LIPI (M. Ilyas, LIPI11-2-F436) ← LIPI (M. Ilyas, LS 05.03)

Source of sample: Soil

Locality: Kodek Gulf, Pemenang, West Lombok

Cultivation: PDA

***Aspergillus aculeatus***

InaCC Number: InaCC F25

History: LIPI (M. Ilyas, LIPI11-2-F436) ← LIPI (M. Ilyas, GTS 02.01)

Source of sample: Soil

Locality: Gili Trawangan Island, West Lombok

Cultivation: PDA

***Aspergillus aculeatus***

InaCC Number: InaCC F41

History: LIPI (M. Ilyas, LIPI11-2-F436) ← LIPI (M. Ilyas, AR-F03)

Source of sample: Mangrove leaf litter

Locality: Batanta, Salawati, Raja Ampat Islands

Cultivation: PDA

***Aspergillus aculeatus***

InaCC Number: InaCC F801

History: InaCC 801 ← LIPI (Muhammad Ilyas) &amp; Diponegoro University (Yuriza Eshananda) BL 3-1

Source of sample: Pseudostem of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong,  
West Java

Cultivation: PDA

***Aspergillus aureofulgens***

InaCC Number: InaCC **F50**

History: LIPI (M. Ilyas, LIPIMC 0145) ← LIPI  
(M. Ilyas, AR-F05)

Source of sample: Mangrove leaf litter

Locality: Batanta, Salawati, Raja Ampat Islands

Cultivation: PDA

***Aspergillus auricomus***

InaCC Number: InaCC **F21**

History: LIPI (A. Agusta, LIPIMC 0162) ← LIPI  
(A. Agusta, GUBP 15)

Source of sample: *Uncaria gambir* Roxb. var.  
udang stem

Locality: *Uncaria gambir* Roxb. plantation,  
Harau Valley, Lima Puluh Kota Regency

Cultivation: PDA

***Aspergillus caesiellus***

InaCC Number: InaCC **F47**

History: LIPI (M. Ilyas, LIPIMC 0543) ← LIPI  
(M. Ilyas, AF 1)

Source of sample: Air

Locality: RC for Biology Library, Cibinong,  
Bogor

Cultivation: PDA

***Aspergillus carbonarius***

InaCC Number: InaCC **F145**

History: LIPI (M. Ilyas, LIPIMC 0389) ← LIPI  
(M. Ilyas, MG 500)

Source of sample: Soil

Locality: Mt. Gamalama, Ternate

Cultivation: PDA

***Aspergillus clavatus***

InaCC Number: InaCC **F58**

History: LIPI (M. Ilyas, LIPIMC 0184) ← LIPI  
(M. Ilyas, W 34A-1)

Source of sample: Mangrove leaf litter

Locality: Waigeo, Raja Ampat Islands

Cultivation: PDA

***Aspergillus dimorphicus***

InaCC Number: InaCC **F48**

History: LIPI (M. Ilyas, LIPIMC 0154) ← LIPI  
(M. Ilyas, FS BL 08-2a)

Source of sample: Leaf litter

Locality: Mt. Bromo, Ngadisari, Pasuruan  
Regency

Cultivation: PDA

***Aspergillus flavipes***

InaCC Number: InaCC **F52**

History: LIPI (A. Agusta, LIPIMC 0183) ← LIPI  
(A. Agusta, UGA-ex4)

Source of sample: *Uncaria gambir* Roxb. root

Locality: *Uncaria gambir* Roxb. plantation,  
Jasinga, Bogor

Cultivation: PDA

***Aspergillus flavus* Link**

InaCC Number: InaCC **F44**

History: LIPI (M. Ilyas, LIPIMC 0165) ← LIPI  
(M. Ilyas, LL06-F003)

Source of sample: Leaf litter

Locality: Mt. Lawu, Karanganyar Regency,  
Surakarta

Cultivation: PDA

***Aspergillus flavus***

InaCC Number: InaCC **F23**

History: LIPI (M. Ilyas, LIPIMC 0138) ← LIPI  
(M. Ilyas, A1900-F003)

Source of sample: Soil

Locality: Mt. Ciremai, Kuningan Regency

Cultivation: PDA

***Aspergillus flocculosus***

InaCC Number: InaCC **F28**

History: LIPI (M. Ilyas, LIPIMC 0148) ← LIPI  
(M. Ilyas, AR-F12)

Source of sample: Mangrove leaf litter

Locality: Batanta, Salawati, Raja Ampat Islands

Cultivation: PDA

***Aspergillus foetidus***InaCC Number: InaCC **F99**

History: LIPI (M.Ilyas, LIPIMC 0559) ← LIPI (M.Ilyas, LS 02.04)

Source of sample: Soil

Locality: Kodek Gulf, Pemenang, West Lombok

Cultivation: PDA

***Aspergillus fumigatus***InaCC Number: InaCC **F42**

History: LIPI (M.Ilyas, LIPIMC 0166) ← LIPI (M.Ilyas, LL06-F004)

Source of sample: Leaf litter

Locality: Mt. Lawu, Karanganyar Regency, Surakarta

Cultivation: PDA

***Aspergillus fumigatus***InaCC Number: InaCC **F33**

History: LIPI (M.Ilyas, LIPIMC 0146) ← LIPI (M.Ilyas, AR-F06)

Source of sample: Mangrove leaf litter

Locality: Batanta, Salawati, Raja Ampat Islands

Cultivation: PDA

***Aspergillus fumigatus***InaCC Number: InaCC **F60**

History: LIPI (M.Ilyas, LIPIMC 0139) ← LIPI (M.Ilyas, A2300-F009)

Source of sample: Soil

Locality: Mt. Ciremai, Kuningan Regency

Cultivation: PDA

***Aspergillus japonicus***InaCC Number: InaCC **F24**

History: LIPI (M.Ilyas, LIPIMC 0558) ← LIPI (M.Ilyas, LS 02.02)

Source of sample: Soil

Locality: Kodek Gulf, Pemenang, West Lombok

Cultivation: PDA

***Aspergillus japonicus***InaCC Number: InaCC **F163**

History: LIPI (M.Ilyas) ← LIPI (M.Ilyas, BS 10-1)

Source of sample: Soil

Locality: Mt. Bromo, Ngadisari, Pasuruan Regency

Cultivation: PDA

***Aspergillus japonicus***InaCC Number: InaCC **F20**

History: LIPI (M.Ilyas, LIPIMC 0167) ← LIPI (M.Ilyas, LL06-F005)

Source of sample: Leaf litter

Locality: Mt. Lawu, Karanganyar Regency, Surakarta

Cultivation: PDA

***Aspergillus keratitidis***InaCC Number: InaCC **F1016**

History: InaCC ← RC. Biology. LIPI (Indri, KT2 62 IV)

Source of sample: Soil

Locality: Central Kalimantan, Indonesia

Cultivation: PDA

***Aspergillus niger***InaCC Number: InaCC **F506**

History: LIPI (M. Ilyas, LIPI11-2-F432) ← LIPI (M. Ilyas, P2-03)

Source of sample: Rhizosphere of *Piper nigrum* L.

Locality: Eka Karya Botanical Garden, Bedugul, Bali; 1378 m.alt.

Cultivation: PDA, pH 7, 27°C

***Aspergillus niger***InaCC Number: InaCC **F505**

History: LIPI (M. Ilyas, LIPI11-2-F431) ← LIPI (M. Ilyas, P2-01)

Source of sample: Rhizosphere of *Piper nigrum* L.

Locality: Eka Karya Botanical Garden, Bedugul, Bali; 1378 m.alt.

Cultivation: PDA, pH 7, 27°C

***Aspergillus niger***

InaCC Number: InaCC F504

History: LIPI (M. Ilyas, LIPI11-2-F430) ← LIPI (M. Ilyas, P1-15)

Source of sample: Rhizosphere of *Piper bantamense* Blume

Locality: Eka Karya Botanical Garden, Bedugul Bali; 1378 m.alt.

Cultivation: PDA, pH 7, 27°C

***Aspergillus niger***

InaCC Number: InaCC F507

History: LIPI (M. Ilyas, LIPI11-2-F433) ← LIPI (M. Ilyas, P2-09)

Source of sample: Rhizosphere of *Piper nigrum* L.

Locality: Eka Karya Botanical Garden, Bedugul, Bali; 1378 m.alt.

Cultivation: PDA, pH 7, 27°C

***Aspergillus niger***

InaCC Number: InaCC F539

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S21-pp03

Source of sample: Soil collected from post harvest sugarcane (*Saccharum officinarum*) plantation

Locality: Madukismo, Kasihan, Bantul Regency, Yogyakarta Special Region

Cultivation: PDA, pH 5.6, 25°C

***Aspergillus niger***

InaCC Number: InaCC F27

History: LIPI (M.Ilyas, LIPIMC 0147) ← LIPI (M.Ilyas, AR-F07)

Source of sample: Mangrove leaf litter

Locality: Batanta, Salawati, Raja Ampat Islands

Cultivation: PDA

***Aspergillus niger***

InaCC Number: InaCC F103

History: LIPI (M.Ilyas, LIPIMC 0560) ← LIPI (M.Ilyas, LS 04.02)

Source of sample: Soil

Locality: Kodek Gulf, Pemenang, West Lombok

Cultivation: PDA

***Aspergillus niger***

InaCC Number: InaCC F31

History: LIPI (M.Ilyas, LIPIMC 0151) ← LIPI (M.Ilyas, AR-F21)

Source of sample: Mangrove leaf litter

Locality: Batanta, Salawati, Raja Ampat Islands

Cultivation: PDA

***Aspergillus niger***

InaCC Number: InaCC F56

History: LIPI (M.Ilyas, LIPIMC 0150) ← LIPI (M.Ilyas, AR-F20)

Source of sample: Mangrove leaf litter

Locality: Batanta, Salawati, Raja Ampat Islands

Cultivation: PDA

***Aspergillus niger***

InaCC Number: InaCC F22

History: LIPI (A. Agusta, LIPIMC 0157) ← LIPI (A. Agusta, GNAP 5)

Source of sample: *Uncaria gambir* Roxb. var. nasi rootLocality: *Uncaria gambir* Roxb. plantation, Harau Valley, Lima Puluh Kota Regency

Cultivation: PDA

***Aspergillus niger***

InaCC Number: InaCC F55

History: LIPI (M.Ilyas, LIPIMC 0174) ← LIPI (M.Ilyas, NAD 04B)

Source of sample: Soil

Locality: Kajhu, Baitussalam, Aceh Besar

Cultivation: PDA

***Aspergillus niger***

InaCC Number: InaCC F57

History: LIPI (M.Ilyas, LIPIMC 0133) ← LIPI (M.Ilyas, A1100-F003A)

Source of sample: Soil

Locality: Mt. Ciremai, Kuningan Regency

Cultivation: PDA

***Aspergillus niger***InaCC Number: InaCC **F46**

History: LIPI (M.Ilyas, LIPIMC 0554) ← LIPI (M.Ilyas, GTS 01.01)

Source of sample: Soil

Locality: Gili Trawangan Island, West Lombok

Cultivation: PDA

***Aspergillus niger***InaCC Number: InaCC **F98**

History: LIPI (M.Ilyas, LIPIMC 0563) ← LIPI (M.Ilyas, LS 05.04)

Source of sample: Soil

Locality: Teluk Kodek, Pemenang, West Lombok

Cultivation: PDA

***Aspergillus nomius***InaCC Number: InaCC **F35**

History: LIPI (M.Ilyas, LIPIMC 0177) ← LIPI (M.Ilyas, NAD 10B)

Source of sample: Soil

Locality: Kajhu, Baitussalam, Aceh Besar

Cultivation: PDA

***Aspergillus nomius***InaCC Number: InaCC **F26**

History: LIPI (M.Ilyas, LIPIMC 0149) ← LIPI (M.Ilyas, AR-F19)

Source of sample: Mangrove leaf litter

Locality: Batanta, Salawati, Raja Ampat Islands

Cultivation: PDA

***Aspergillus oryzae***InaCC Number: InaCC **F102**

History: LIPI (M.Ilyas, LIPIMC 0574) ← LIPI (M.Ilyas, LS 01.08)

Source of sample: Soil

Locality: Kodek Gulf, Pemenang, West Lombok

Cultivation: PDA

***Aspergillus oryzae***InaCC Number: InaCC **F43**

History: LIPI (M.Ilyas, LIPIMC 0181) ← LIPI (M.Ilyas, OMS 02-1)

Source of sample: Fermented food (i.e oncom)

Locality: Traditional Market, Slipi, West Jakarta

Cultivation: PDA

***Aspergillus oryzae***InaCC Number: InaCC **F32**

History: LIPI (M.Ilyas, LIPIMC 0132) ← LIPI (M.Ilyas, A1100-F002)

Source of sample: Soil

Locality: Mt. Ciremai, Kuningan Regency

Cultivation: PDA

***Aspergillus oryzae***InaCC Number: InaCC **F45**

History: LIPI (M.Ilyas, LIPIMC 0153) ← LIPI (M.Ilyas, CCG 02B)

Source of sample: Fermented food: camembert cheese

Locality: Tokyo, Japan

Cultivation: PDA

***Aspergillus phoenicis***InaCC Number: InaCC **F59**

History: LIPI (M.Ilyas, LIPIMC 0556) ← LIPI (M.Ilyas, GTS 01.04)

Source of sample: Soil

Locality: Gili Trawangan Island, West Lombok

Cultivation: PDA

***Aspergillus sp.***InaCC Number: InaCC **F49**

History: LIPI (M.Ilyas, LIPIMC 0178) ← LIPI (M.Ilyas, NAD 12B)

Source of sample: Soil

Locality: Kajhu, Baitussalam, Aceh Besar

Cultivation: PDA

***Aspergillus sp.***InaCC Number: InaCC **F53**

History: LIPI (M.Ilyas, LIPIMC 0175) ← LIPI (M.Ilyas, NAD 05B)

Source of sample: Soil

Locality: Kajhu, Baitussalam, Aceh Besar

Cultivation: PDA

***Aspergillus* sp.**

InaCC Number: InaCC **F224**  
 History: LIPI (M.Ilyas) ← LIPI (M.Ilyas, LL06-F009)  
 Source of sample: Leaf litter  
 Locality: Mt. Lawu, Karanganyar Regency, Surakarta  
 Cultivation: PDA

***Aspergillus* sp.**

InaCC Number: InaCC **F40**  
 History: LIPI (A. Agusta, LIPIMC 0161) ← LIPI (A. Agusta, GNDP 5)  
 Source of sample: *Uncaria gambir* Roxb. var. nasi leaf  
 Locality: *Uncaria gambir* Roxb. plantation, Lembah Harau, Lima Puluh Kota Regency  
 Cultivation: PDA

***Aspergillus sydowii***

InaCC Number: InaCC **F280**  
 History: LIPI (M. Ilyas, LIPI11-2-F156) ← NITE (I. Okane, 4-2-1-1)  
 Source of sample: Petiole of *Cinchona pubescens* Vahl.  
 Locality: Cibodas Botanical Garden, Cisarua, West Java  
 Cultivation: MEA, pH 7.0, 27°C

***Aspergillus sydowii***

InaCC Number: InaCC **F314**  
 History: LIPI (M. Ilyas, LIPI11-2-F179) ← NITE (I. Okane, 5-1-4-1)  
 Source of sample: Leaf of *Cinchona pubescens* Vahl.  
 Locality: Cibodas Botanical Garden, Cisarua, West Java  
 Cultivation: MEA, pH 7.0, 27°C

***Aspergillus tamarii***

InaCC Number: InaCC **F39**  
 History: LIPI (M.Ilyas, LIPIMC 0144) ← LIPI (M.Ilyas, AR-F04)  
 Source of sample: Mangrove leaf litter  
 Locality: Batanta, Salawati, Raja Ampat Islands  
 Cultivation: PDA

***Aspergillus terreus***

InaCC Number: InaCC **F30**  
 History: LIPI (M.Ilyas, LIPIMC 0134) ← LIPI (M.Ilyas, A1300-F001)  
 Source of sample: Soil  
 Locality: Mt. Ciremai, Kuningan Regency  
 Cultivation: PDA

***Aspergillus terreus***

InaCC Number: InaCC **F38**  
 History: LIPI (M.Ilyas, LIPIMC 0170) ← LIPI (M.Ilyas, LL06-F008)  
 Source of sample: Leaf litter  
 Locality: Mt. Lawu, Karanganyar Regency, Surakarta  
 Cultivation: PDA

***Aspergillus terreus***

InaCC Number: InaCC **F37**  
 History: LIPI (M.Ilyas, LIPIMC 0550) ← LIPI (M.Ilyas, FS BL 05.1)  
 Source of sample: Leaf litter  
 Locality: Mt. Bromo, Ngadisari, Pasuruan Regency  
 Cultivation: PDA

***Aspergillus terreus***

InaCC Number: InaCC **F36**  
 History: LIPI (M.Ilyas, LIPIMC 0171) ← LIPI (M.Ilyas, LL06-F009)  
 Source of sample: Leaf litter  
 Locality: Mt. Lawu, Karanganyar Regency, Surakarta  
 Cultivation: PDA, pH

***Aspergillus tubingensis***

InaCC Number: InaCC **F517**  
 History: LIPI (M. Ilyas, LIPI11-2-F443) ← LIPI (M. Ilyas, P5-01)  
 Source of sample: Rhizosphere *Piper sarmentosum* Roxb.  
 Locality: Eka Karya Botanical Garden, Bedugul Bali; 1374 m.alt.  
 Cultivation: PDA, pH 7, 27°C

***Aspergillus tubingensis***

InaCC Number: InaCC F501

History: LIPI (M. Ilyas, LIPI11-2-F427) ← LIPI (M. Ilyas, P1-01)

Source of sample: Rhizosphere of *Piper bantamense* Blume

Locality: Eka Karya Botanical Garden, Bedugul, Bali; 1378 m.alt.

Cultivation: PDA, pH 7, 27°C

***Aspergillus tubingensis***

InaCC Number: InaCC F502

History: LIPI (M. Ilyas, LIPI11-2-F428) ← LIPI (M. Ilyas, P1-03)

Source of sample: Rhizosphere of *Piper bantamense* Blume

Locality: Eka Karya Botanical Garden, Bedugul, Bali; 1378 m.alt.

Cultivation: PDA, pH 7, 27°C

***Aspergillus tubingensis***

InaCC Number: InaCC F515

History: LIPI (M. Ilyas, LIPI11-2-F441) ← LIPI (M. Ilyas, P4-08)

Source of sample: Rhizosphere of *Piper macropiper* Pennant

Locality: Eka Karya Botanical Garden, Bedugul, Bali; 1374 m.alt.

Cultivation: PDA, pH 7, 27°C

***Aspergillus tubingensis***

InaCC Number: InaCC F519

History: LIPI (M. Ilyas, LIPI11-2-F445) ← LIPI (M. Ilyas, P5-07)

Source of sample: Rhizosphere of *Piper sarmentosum* Roxb.

Locality: Eka Karya Botanical Garden, Bedugul, Bali; 1374 m.alt.

Cultivation: PDA, pH 7, 27°C

***Aspergillus tubingensis***

InaCC Number: InaCC F520

History: LIPI (M. Ilyas, LIPI11-2-F448) ← LIPI (M. Ilyas, P5-08)

Source of sample: Rhizosphere of *Piper sarmentosum* Roxb.

Locality: Eka Karya Botanical Garden, Bedugul, Bali; 1374 m.alt.

Cultivation: PDA, pH 7, 27°C

***Aspergillus tubingensis***

InaCC Number: InaCC F518

History: LIPI (M. Ilyas, LIPI11-2-F444) ← LIPI (M. Ilyas, P5-04)

Source of sample: Rhizosphere of *Piper sarmentosum* Roxb.

Locality: Eka Karya Botanical Garden, Bedugul, Bali; 1374 m.alt.

Cultivation: PDA, pH 7, 27°C

***Aspergillus tubingensis***

InaCC Number: InaCC F511

History: LIPI (M. Ilyas, LIPI11-2-F437) ← LIPI (M. Ilyas, P3-09)

Other CC: NBRC112084

Source of sample: Rhizosphere of *Piper bettle* L.

Locality: Eka Karya Botanical Garden, Bedugul, Bali; 1371 m.alt.

Cultivation: PDA, pH 7, 27°C

***Aspergillus tubingensis***

InaCC Number: InaCC F516

History: LIPI (M. Ilyas, LIPI11-2-F442) ← LIPI (M. Ilyas, P4-13)

Source of sample: Rhizosphere of *Piper macropiper* Pennant

Locality: Eka Karya Botanical Garden, Bedugul, Bali; 1374 m.alt.

Cultivation: PDA, pH 7, 27°C

***Aspergillus tubingensis***

InaCC Number: InaCC F61

History: LIPI (M. Ilyas, LIPI11-2-F445) ← LIPI (M. Ilyas, AF 7.1)

Source of sample: Air

Locality: RC for Biology Library, Cibinong, Bogor

Cultivation: PDA

***Aspergillus tubingensis***

InaCC Number: InaCC F54  
 History: LIPI (M.Ilyas, LIPIMC 0155) ← LIPI (M.Ilyas, FS BL 08-2b)  
 Source of sample: Leaf litter  
 Locality: Mt. Bromo, Ngadisari, Pasuruan Regency  
 Cultivation: PDA

***Aspergillus tubingensis***

InaCC Number: InaCC F51  
 History: LIPI (M.Ilyas, LIPIMC 0555) ← LIPI (M.Ilyas, GTS 01.02)  
 Source of sample: Soil  
 Locality: Gili Trawangan Island, West Lombok  
 Cultivation: PDA

***Aspergillus versicolor***

InaCC Number: InaCC F34  
 History: LIPI (M.Ilyas, LIPIMC 0169) ← LIPI (M.Ilyas, LL06-F007)  
 Source of sample: Leaf litter  
 Locality: Mt. Lawu  
 Karanganyar Regency, Surakarta  
 Cultivation: PDA

***Aspergillus versicolor***

InaCC Number: InaCC F162  
 History: LIPI (M.Ilyas) ← LIPI (M.Ilyas, BS 10-5)  
 Source of sample: Soil  
 Locality: Mt. Bromo, Ngadisari, Pasuruan Regency  
 Cultivation: PDA

***Aspergillus versicolor***

InaCC Number: InaCC F96  
 History: LIPI (M.Ilyas, LIPIMC 0576) ← LIPI (M.Ilyas, ML 02.3)  
 Source of sample: *Magnolia condolii* (Blume) H. Keng rhizosphere  
 Locality: Bodogol National Park, Lido, Bogor  
 Cultivation: PDA

***Aspergillus versicolor***

InaCC Number: InaCC F1091  
 History: InaCC ← RC. Biology. LIPI (Indri, Sal4x(11))  
 Source of sample: *Ipomoea aquatica* tissue  
 Locality: Cibinong Traditional Market  
 Cultivation: PDA

***Auricularia auricula-judae***

InaCC Number: InaCC F210  
 History: LIPI (E. Sumiati, LIPIMC 0690)  
 Source of sample: BALITSA  
 Locality: APR, Netherland  
 Cultivation: PDA

***Bionectria ochroleuca***

InaCC Number: InaCC F313  
 History: LIPI (M. Ilyas, LIPI12-2-F064) ← NITE (I. Okane, 5-4-1-2)  
 Source of sample: Bark of *Cinchona pubescens* Vahl.  
 Locality: Cibodas Botanical Garden, Cisarua, West Java  
 Cultivation: MEA, pH 7.0, 27°C

***Bionectria ochroleuca***

InaCC Number: InaCC F321  
 History: LIPI (M. Ilyas, LIPI11-2-F207) ← NITE (I. Okane, 5-4-1-1)  
 Source of sample: Bark of *Cinchona pubescens* Vahl.  
 Locality: Cibodas Botanical Garden, Cisarua, West Java  
 Cultivation: MEA, pH 7.0, 27°C

***Bionectria ochroleuca***

InaCC Number: InaCC F658  
 History: LIPI (M. Ilyas, LIPI12-2-F294) ← IPB (G. Rahayu, E151)  
 Source of sample: Root of *Cinchona calisaya* Wedd.  
 Locality: RITC, Gambung, Ciwidey, West Java  
 Cultivation: PDA, pH 7.0, 27°C



***Blakeslea trispora***

InaCC Number: InaCC F559

History: NBRC (S. Inaba) & LIPI (M. Ilyas), S04-pp02

Source of sample: Soil/mud collected from ± 1 month old of paddy (*Oryza sativa*) field

Locality: Harjobinangun, Pakem, Sleman Regency, Yogyakarta Special Region

Cultivation: PDA, pH 5.6, 25°C

***Botryosphaeria rhodina***

InaCC Number: InaCC F651

History: LIPI (M. Ilyas, LIPI12-2-F276) ← IPB (G. Rahayu, C453)

Source of sample: Root of *Cinchona calisaya* Wedd.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: PDA, pH 7.0, 27°C

***Capronia* sp.**

InaCC Number: InaCC F639

History: LIPI (A. Kanti) & NBRC (A. Yamazaki), JSAT12-2- Y369 ← NBRC (A. Yamazaki) & LIPI (A. Kanti), DS-05-2

Source of sample: Soil under palm tree

Locality: Dramaga Protected forest, West Java

Cultivation: YMA, pH 5.6, 25°C

***Cenococcum geophilum***

InaCC Number: InaCC F1023

History: InaCC ← RC. Biology. LIPI (Indri, ECM-4)

Source of sample: Ectomycorrhiza

Locality: Japan

Cultivation: PDA

***Cercospora acalyphae***

InaCC Number: InaCC F167

History: MEA University (Jamjan Meeboon, LIPI MC 0750) ← LIPI (Iman Hidayat, JMC1)

Source of sample: Living leaf of *Acalypha wilkesiana* Mull.Arg.

Locality: A. Sansai, T. Mae Jo, Mae Jo University

Cultivation: MEA

***Cercospora artemisiae***

InaCC Number: InaCC F181

History: MEA University (Jamjan Meeboon, LIPI MC 0769) ← LIPI (Iman Hidayat, JMC117)

Source of sample: Living leaf of *Artemisia indica* Willd.

Locality: A. Muang, T. Suthep, Chiang Mai University, Multiple Cropping Center

Cultivation: MEA

***Cercospora balsaminiana***

InaCC Number: InaCC F174

History: MEA University (Jamjan Meeboon, LIPI MC 0760) ← LIPI (Iman Hidayat, JMC57)

Source of sample: Living leaf of *Impatiens walleriana* Hook.f.

Locality: A. Muang, Sri Pum, garden

Cultivation: MEA

***Cercospora beticola***

InaCC Number: InaCC F194

History: LIPI (Iman Hidayat, LIPI MC 0605) ← LIPI (Iman Hidayat)

Source of sample: Leaf spot of sugar beet (*Beta vulgaris* L.)

Locality: AGATO organic farm, Bogor

Cultivation: MEA

***Cercospora canescens***

InaCC Number: InaCC F180

History: MEA University (Jamjan Meeboon, LIPI MC 0768) ← LIPI (Iman Hidayat, JMC113)

Source of sample: Living leaf of *Phaseolus vulgaris* L.

Locality: A. Muang, T. Suthep, Chiang Mai University, Multiple Cropping Center

Cultivation: MEA

***Cercospora canescens***

InaCC Number: InaCC F189

History: MEA University (Jamjan Meeboon, LIPI MC 0778) ← LIPI (Iman Hidayat, JMC201)

Source of sample: Living leaf of *Dolichos lablab* L.

Locality: Wiang Pa Pao, Wiang Ga Long, Garden

Cultivation: MEA

***Cercospora chrysanthemi***

InaCC Number: InaCC F179

History: MEA University (Jamjan Meeboon, LIPIMC 0767) ← LIPI (Iman Hidayat, JMC105)

Source of sample: Living leaf of *Chrysanthemum morifolium* Ramat.

Locality: A. Sansai, T. Mae Jo, Farming area

Cultivation: MEA

***Cercospora chrysanthemi***

InaCC Number: InaCC F173

History: MEA University (Jamjan Meeboon, LIPIMC 0759) ← LIPI (Iman Hidayat, JMC51)

Source of sample: Living leaf of *Chrysanthemum* sp.

Locality: A. Chiang Down, T. Ping Cong, Huay Leuk Royal Project

Cultivation: MEA

***Cercospora codiae***

InaCC Number: InaCC F188

History: MEA University (Jamjan Meeboon, LIPIMC 0777) ← LIPI (Iman Hidayat, JMC197)

Source of sample: Living leaf of *Codiaeum variegatum* (L.) A. Juss.

Locality: A. Muang, T. Suthep, Meditational Plants Garden, Suthep Pui National Park

Cultivation: MEA

***Cercospora crotalariae***

InaCC Number: InaCC F178

History: MEA University (Jamjan Meeboon, LIPIMC 0765) ← LIPI (Iman Hidayat, JMC95)

Source of sample: Living leaf of *Crotalaria montana* Roth

Locality: A. Sansai, T. Mae Jo, Farming area

Cultivation: MEA

***Cercospora dahliicola***

InaCC Number: InaCC F175

History: MEA University (Jamjan Meeboon, LIPIMC 0762) ← LIPI (Iman Hidayat, JMC67)

Source of sample: Living leaf of *Dahlia* sp.

Locality: T. Mae Fah Luang, A. Mae Jan, Doi Tung Garden

Cultivation: MEA

***Cercospora gerberae***

InaCC Number: InaCC F176

History: MEA University (Jamjan Meeboon, LIPIMC 0763) ← LIPI (Iman Hidayat, JMC69)

Source of sample: Living leaf of *Gerbera jamesonii* Bolus

Locality: A. Muang, T. Suthep, Chiang Mai University

Cultivation: MEA

***Cercospora hayi***

InaCC Number: InaCC F171

History: MEA University (Jamjan Meeboon, LIPIMC 0755) ← LIPI (Iman Hidayat, JMC31)

Source of sample: Living leaf of *Musa paradisiaca* L.

Locality: T. Suthep, A. Sarapee, Deu Ngok, Farming Area

Cultivation: MEA

***Cercospora helianthicola***

InaCC Number: InaCC F187

History: MEA University (Jamjan Meeboon, LIPIMC 0775) ← LIPI (Iman Hidayat, JMC193)

Source of sample: Living leaf of *Helianthus annuus* L.

Locality: A. Muang, T. Suthep, Chiang Mai University, Faculty of Agriculture

Cultivation: MEA

***Cercospora kikuchii***

InaCC Number: InaCC F177

History: MEA University (Jamjan Meeboon, LIPIMC 0764) ← LIPI (Iman Hidayat, JMC93)

Source of sample: Living leaf of *Glycine max* Merr.

Locality: A. Sansai, T. Mae Jo, farming area

Cultivation: MEA

***Cercospora lactucae-sativae***

InaCC Number: InaCC F170

History: MEA University (Jamjan Meeboon, LIPIMC 0753) ← LIPI (Iman Hidayat, JMC25)

Source of sample: Living leaf of *Lactuca sativa* var. *capitata* L.

Locality: T. Mae Rim, A. Mae Rim, Nong Hoi  
Royal Project  
Cultivation: MEA

***Cercospora lactucae-sativae***

InaCC Number: InaCC **F168**  
History: MEA University (Jamjan Meeboon, LIPIIMC 0751) ← LIPI (Iman Hidayat, JMC13)  
Source of sample: Living leaf of *Lactuca sativa* L.  
Locality: A. Muang, T. Suthep, Chiang Mai University, Multiple Cropping Center  
Cultivation: MEA

***Cercospora lactucae-sativae***

InaCC Number: InaCC **F190**  
History: MEA University (Jamjan Meeboon, LIPIIMC 0757) ← LIPI (Iman Hidayat, JMC39)  
Source of sample: Living leaf of *Lactuca sativa* L. cultivar head lettuce  
Locality: A. Chiang Down, T. Ping Cong, Huay Leuk Royal Project  
Cultivation: MEA

***Cercospora lactuca-sativae***

InaCC Number: InaCC **F172**  
History: MEA University (Jamjan Meeboon, LIPIIMC 0756) ← LIPI (Iman Hidayat, JMC37)  
Source of sample: Living leaf of *Lactuca sativa* L. cultivar green corol  
Locality: A. Samerng, T. Pang Da, Pang Da Royal project  
Cultivation: MEA

***Cercospora peregrina***

InaCC Number: InaCC **F185**  
History: MEA University (Jamjan Meeboon, LIPIIMC 0773) ← LIPI (Iman Hidayat, JMC179)  
Source of sample: Living leaf of *Pentalinon luteum* (L.) B.F.Hansen & Wunderlin  
Locality: T. Mae Hea, A. Mae Wang, Chiang Mai Royal Flora  
Cultivation: MEA

***Cercospora platycerii***

InaCC Number: InaCC **F184**  
History: MEA University (Jamjan Meeboon, LIPIIMC 0772) ← LIPI (Iman Hidayat, JMC131)  
Source of sample: Living leaf of *Plathycerium wallichii* Hook.  
Locality: A. Samerng, T. Pang Da, Pang Da Royal project  
Cultivation: MEA

***Cercospora* sp.**

InaCC Number: InaCC **F186**  
History: MEA University (Jamjan Meeboon, LIPIIMC 0774) ← LIPI (Iman Hidayat, JMC185)  
Source of sample: Living leaf of *Brunfelsia hopeana* Benth.  
Locality: T. Mae Hea, A. Mae Wang, Chiang Mai Royal Flora  
Cultivation: MEA

***Cercospora* sp.**

InaCC Number: InaCC **F627**  
History: IPB & NITE (G. Rahayu and I. Okane, LIPI12-2-F449) ← IPB (N. Radiastuti, 5-2-2-C1-A)  
Source of sample: Petiole of *Cinchona calisaya*  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: PDA, pH 7, 27°C

***Cercospora* sp.**

InaCC Number: InaCC **F628**  
History: IPB & NITE (G. Rahayu and I. Okane, LIPI12-2-F450) ← IPB (N. Radiastuti, 5-2-2-C1-B)  
Source of sample: Petiole of *Cinchona calisaya*  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: PDA, pH 7, 27°C

***Cercospora zinniae***

InaCC Number: InaCC **F182**  
History:  
Source of sample: Living leaf of *Zinnia grandiflora* Nutt.  
Locality: A. Samerng, T. Pang Da, Pang Da Royal project  
Cultivation: MEA

***Cercospora zinniicola***

InaCC Number: InaCC F169

History:

Source of sample: Living leaf of *Zinnia elegans* Jacq.

Locality: Wiang Pa Pao, Wiang Ga Long, Garden

Cultivation: MEA

***Cercospora zinniicola***

InaCC Number: InaCC F183

History:

Source of sample: Living leaf of *Zinnia elegans* Jacq.

Locality: A. Mae Rim, Queen Sirikit Botanical Garden

Cultivation: MEA

***Chaetomium globosum***

InaCC Number: InaCC F228

History: LIPI (A. Agusta) ← LIPI (A. Agusta, TCDC-2)

Source of sample: *Tinospora crista* (L.) Miers ex Hoff.f. leaf

Locality: Srangganis Medicinal Plant Garden, Bekasi

Cultivation: MEA

***Chaetomium globosum***

InaCC Number: InaCC F229

History: LIPI (A. Agusta) ← LIPI (A. Agusta, TCB SR-5)

Source of sample: *Tinospora crista* (L.) Miers ex Hoff.f. stem

Locality: Srangganis Medicinal Plant Garden, Bekasi

Cultivation: MEA

***Chaetomium globosum***

InaCC Number: InaCC F157

History: LIPI (M.Ilyas) ← LIPI (M.Ilyas, LL06-F010)

Source of sample: Leaf litter

Locality: Mt. Lawu, Karanganyar Regency, Surakarta

Cultivation: PDA

***Cladosporium cladosporioides***

InaCC Number: InaCC F2

History: LIPI (M.Ilyas, LIPMC 0553) ← LIPI (M.Ilyas, Sp.3 (A))

Source of sample: Air

Locality: RC for Biology Library, Cibinong, Bogor

Cultivation: PDA

***Cladosporium halotolerans***

InaCC Number: InaCC F1036

History: InaCC ← LIPI (Muhammad Ilyas, ML 1B-1)

Source of sample: Lamina of *Moringa oleifera* Lam.

Locality: Nursery &amp; research garden, Botany Division, RC for Biology-LIPI, Cibinong

Cultivation: MEA

***Cladosporium halotolerans***

InaCC Number: InaCC F1086

History: InaCC ← RC. Biology. LIPI (Indri, Sal 4x (15))

Source of sample: *Ipomoea aquatica* tissue

Locality: Cibinong Traditional Market

Cultivation: PDA

***Cladosporium* sp.**

InaCC Number: InaCC F755

History: LIPI (M. Ilyas, LIPI11-2-F213) ← LIPI (M. Ilyas, L01-D1 06)

Source of sample: Dead branch of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java, Indonesia

Cultivation: PDA, pH 7.0, 27°C

***Cladosporium* sp.**

InaCC Number: InaCC F766

History: LIPI (M. Ilyas, LIPI11-2-F231) ← LIPI (M. Ilyas, L09-D1 02)

Source of sample: Dead twig of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java, Indonesia

Cultivation: PDA, pH 7.0, 27°C

***Cladosporium tenuissimum***InaCC Number: InaCC **F1087**

History: InaCC ← RC. Biology. LIPI (Indri, Salmixio 2x (7))

Source of sample: *Ipomoea aquatica* tissue

Locality: Cibinong Traditional Market

Cultivation: PDA

***Claroehilum henningsii***InaCC Number: InaCC **F1044**

History: InaCC ← RC. Biology. LIPI (Indri, IR-6)

Source of sample: Leaf spot of *Manihot esculenta*

Locality: Cassava plantation, Cibinong Science Center (CSC)-LIPI, Cibinong

Cultivation: PDA

***Claroehilum henningsii***InaCC Number: InaCC **F1045**

History: InaCC ← RC. Biology. LIPI (Indri, IR-6)

Source of sample: Leaf spot of *Manihot esculenta*

Locality: Cassava plantation, Cibinong Science Center (CSC)-LIPI, Cibinong

Cultivation: PDA

***Clonostachys rosea***InaCC Number: InaCC **F1085**

History: InaCC ← RC. Biology. LIPI (Indri, F19-IT026)

Source of sample: Root of banana

Locality: Indonesian Culture Collection (InaCC) Greenhouse, Cibinong

Cultivation: PDA

***Colletotrichum acutatum***InaCC Number: InaCC **F253**

History: LIPI (M. Ilyas, LIPI11-2-F052) ← NITE (I. Okane, 1-2-5-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***InaCC Number: InaCC **F478**

History: LIPI (M. Ilyas, LIPI12-2-F174) ← NITE (I. Okane, RC4-2-5-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.Locality: Research Institute for Tea and *Chincona* Gambung, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***InaCC Number: InaCC **F319**

History: LIPI (M. Ilyas, LIPI12-2-F034) ← NITE (I. Okane, 3-2-1-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***InaCC Number: InaCC **F432**

History: LIPI (M. Ilyas, LIPI12-2-425) ← NITE (I. Okane, RC5-1-4-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***InaCC Number: InaCC **F406**

History: LIPI (M. Ilyas, LIPI12-2-F198) ← NITE (I. Okane, RC5-2-1-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***InaCC Number: InaCC **F477**

History: LIPI (M. Ilyas, LIPI12-2-F393) ← NITE (I. Okane, RC4-1-5-3)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC **F252**  
History: LIPI (M. Ilyas, LIPI11-2-F051) ← NITE (I. Okane, 1-2-4-3)  
Source of sample: Petiole of *Cinchona pubescens* Vahl.  
Locality: Cibodas Botanical Garden, Cisarua, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC **F328**  
History: LIPI (M. Ilyas, LIPI11-2-F203) ← NITE (I. Okane, 5-2-8-1)  
Source of sample: Petiole of *Cinchona pubescens* Vahl.  
Locality: Cibodas Botanical Garden, Cisarua, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC **F417**  
History: LIPI (M. Ilyas, LIPI12-2-F164) ← NITE (I. Okane, RC4-1-3-1)  
Source of sample: Leaf of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC **F422**  
History: LIPI (M. Ilyas, LIPI12-2-F423) ← NITE (I. Okane, RC4-4-1-3)  
Source of sample: Bark of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC **F381**  
History: LIPI (M. Ilyas, LIPI12-2-F079) ← NITE (I. Okane, RC1-1-4-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC **F434**  
History: LIPI (M. Ilyas, LIPI12-2-436) ← NITE (I. Okane, RC5-2-4-4)  
Source of sample: Petiole of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC **F267**  
History: LIPI (M. Ilyas, LIPI11-2-F140) ← NITE (I. Okane, 3-2-10-1)  
Source of sample: Petiole of *Cinchona pubescens* Vahl.  
Locality: Cibodas Botanical Garden, Cisarua, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC **F407**  
History: LIPI (M. Ilyas, LIPI12-2-F187) ← NITE (I. Okane, RC4-2-9-1)  
Source of sample: Petiole of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC **F382**  
History: LIPI (M. Ilyas, LIPI12-2-F096) ← NITE (I. Okane, RC1-2-9-1)  
Source of sample: Petiole of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC F315

History: LIPI (M. Ilyas, LIPI11-2-F173) ← NITE (I. Okane, 5-1-1-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC F251

History: LIPI (M. Ilyas, LIPI11-2-F071) ← NITE (I. Okane, 1-5-1-2)

Source of sample: Senescent leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC F451

History: LIPI (M. Ilyas, LIPI12-2-F426) ← NITE (I. Okane, RC5-1-6-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC F405

History: LIPI (M. Ilyas, LIPI12-2-F204) ← NITE (I. Okane, RC5-2-4-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC F284

History: LIPI (M. Ilyas, LIPI11-2-F093) ← NITE (I. Okane, 2-2-3-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC F283

History: LIPI (M. Ilyas LIPI11-2-F142) ← NITE (I. Okane, 3-3-3-1)

Source of sample: Stem of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC F450

History: LIPI (M. Ilyas, LIPI12-2-F208) ← NITE (I. Okane, RC5-2-6-3)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC F452

History: LIPI (M. Ilyas, LIPI12-2-F135) ← NITE (I. Okane, RC3-2-4-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC F402

History: LIPI (M. Ilyas, LIPI12-2-F386) ← NITE (I. Okane, RC4 -1-2-3)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC F307

History: LIPI (M. Ilyas, LIPI12-2-F006) ← NITE (I. Okane, 1-2-5-3)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC F337

History: LIPI (M. Ilyas, LIPI12-2-F379) ← NITE (I. Okane, RC3-2-8-3)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC F456

History: LIPI (M. Ilyas, LIPI12-2-F130) ← NITE (I. Okane, RC3-1-2-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC F457

History: LIPI (M. Ilyas, LIPI12-2-F369) ← NITE (I. Okane, RC3-1-10-3)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum acutatum***

InaCC Number: InaCC F192

History: LIPI (I. Hidayat, LIPIMC 0604) ← LIPI (I. Hidayat, )

Source of sample: Fruit anthracnose of chilli (*Capsicum* spp.)

Locality: AGATO organic farm, Bogor

Cultivation: MEA

***Colletotrichum boninense***

InaCC Number: InaCC F330

History: LIPI (M. Ilyas, LIPI12-2-F368) ← NITE (I. Okane, RC3-1-9-3)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC F484

History: LIPI (M. Ilyas, LIPI12-2-F400) ← NITE (I. Okane, RC4-1-8-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC F378

History: LIPI (M. Ilyas, LIPI12-2-F320) ← NITE (I. Okane, RC1-2-5-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC F286

History: LIPI (M. Ilyas, LIPI11-2-F079) ← NITE (I. Okane, 2-1-2-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC F309

History: LIPI (M. Ilyas, LIPI12-2-F051) ← NITE (I. Okane, 4-1-9-3)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C



***Colletotrichum boninense***

InaCC Number: InaCC F308

History: LIPI (M. Ilyas, LIPI11-2-F124) ← NITE (I. Okane, 3-1-9-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC F332

History: LIPI (M. Ilyas, LIPI12-2-F334) ← NITE (I. Okane, RC2-1-5-4)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC F479

History: LIPI (M. Ilyas, LIPI12-2-F419) ← NITE (I. Okane, RC4-2-8-3)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC F343

History: LIPI (M. Ilyas, LIPI12-2-F104) ← NITE (I. Okane, RC2-1-1-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC F259

History: LIPI (M. Ilyas, LIPI11-2-F040) ← NITE (I. Okane, 1-1-10-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC F272

History: LIPI (M. Ilyas, LIPI11-2-F118) ← NITE (I. Okane, 3-1-5-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC F408

History: LIPI (M. Ilyas, LIPI12-2-F409) ← NITE (I. Okane, RC4-2-1-4)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC F318

History: LIPI (M. Ilyas, LIPI12-2-F033) ← NITE (I. Okane, 3-1-1-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC F369

History: LIPI (M. Ilyas, LIPI12-2-F086) ← NITE (I. Okane, RC1-2-6-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC F388

History: LIPI (M. Ilyas, LIPI12-2-F307) ← NITE (I. Okane, RC1-1-6-3)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC **F491**

History: LIPI (M. Ilyas, LIPI12-2-F395) ← NITE (I. Okane, RC4-1-6-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC **F418**

History: LIPI (M. Ilyas, LIPI12-2-F390) ← NITE (I. Okane, RC4-1-3-4)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC **F359**

History: LIPI (M. Ilyas, LIPI12-2-F326) ← NITE (I. Okane, RC2-1-2-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC **F285**

History: LIPI (M. Ilyas, LIPI11-2-F105) ← NITE (I. Okane, 2-2-10-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC **F454**

History: LIPI (M. Ilyas, LIPI12-2-F358) ← NITE (I. Okane, RC3-1-2-3)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC **F429**

History: LIPI (M. Ilyas, LIPI12-2-F438) ← NITE (I. Okane, RC5-2-7-3)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC **F455**

History: LIPI (M. Ilyas, LIPI12-2-F364) ← NITE (I. Okane, RC3-1-6-3)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC **F254**

History: LIPI (M. Ilyas, LIPI11-2-F036) ← NITE (I. Okane, 1-1-9-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC **F335**

History: LIPI (M. Ilyas, LIPI12-2-F343) ← NITE (I. Okane, RC2-2-3-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC **F333**

History: LIPI (M. Ilyas, LIPI12-2-F363) ← NITE (I. Okane, RC3-1-6-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC **F300**

History: LIPI (M. Ilyas, LIPI11-2-F038) ← NITE (I. Okane, 1-1-9-3)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC **F282**

History: -

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC **F279**

History: LIPI (M. Ilyas, LIPI11-2-F155) ← NITE (I. Okane, 4-1-9-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC **F445**

History: LIPI (M. Ilyas, LIPI12-2-F437) ← NITE (I. Okane, RC5-2-5-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC **F431**

History: LIPI (M. Ilyas, LIPI12-2-F213) ← NITE (I. Okane, RC5-1-9-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC **F383**

History: LIPI (M. Ilyas, LIPI12-2-F092) ← NITE (I. Okane, RC1-2-8-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum boninense***

InaCC Number: InaCC **F305**

History: LIPI (M. Ilyas, LIPI11-2-F084) ← NITE (I. Okane, 2-1-6-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum cliviae***

InaCC Number: InaCC **F1043**

History: InaCC ← LIPI (Muhammad Ilyas, ML 3C-1)

Source of sample: Lamina of *Moringa oleifera* Lam.

Locality: Nursery & research garden, Botany Division, RC for Biology-LIPI, Cibinong

Cultivation: MEA

***Colletotrichum cliviicola***

InaCC Number: InaCC **F1038**

History: InaCC ← LIPI (Muhammad Ilyas, ML 2A-2)

Source of sample: Lamina of *Moringa oleifera* Lam.

Locality: Nursery & research garden, Botany Division, RC for Biology-LIPI, Cibinong  
Cultivation: MEA

***Colletotrichum gigasporum***

InaCC Number: InaCC **F1041**  
History: InaCC ← LIPI (Muhammad Ilyas, MP 2X-3)  
Source of sample: Petiole of *Moringa oleifera* Lam.  
Locality: Nursery & research garden, Botany Division, RC for Biology-LIPI, Cibinong  
Cultivation: MEA

***Colletotrichum gloeosporioides***

InaCC Number: InaCC **F361**  
History: LIPI (M. Ilyas, LIPI12-2-F114) ← NITE (I. Okane, RC2-2-5-1)  
Source of sample: Petiole of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC **F476**  
History: LIPI (M. Ilyas, LIPI12-2-F396) ← NITE (I. Okane, RC4-1-6-2)  
Source of sample: Leaf of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC **F458**  
History: LIPI (M. Ilyas, LIPI12-2-F127) ← NITE (I. Okane, RC3-1-1-2)  
Source of sample: Leaf of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC **F453**  
History: LIPI (M. Ilyas, LIPI12-2-F381) ← NITE (I. Okane, RC3-2-9-4)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC **F355**  
History: LIPI (M. Ilyas, LIPI12-2-F354) ← NITE (I. Okane, RC2-2-10-3)  
Source of sample: Petiole of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC **F421**  
History: LIPI (M. Ilyas, LIPI12-2-F398) ← NITE (I. Okane, RC4-1-7-3)  
Source of sample: Leaf of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC **F480**  
History: LIPI (M. Ilyas, LIPI12-2-F165) ← NITE (I. Okane, RC4-2-3-1)  
Source of sample: Petiole of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC **F264**  
History: LIPI (M. Ilyas, LIPI11-2-F152) ← NITE (I. Okane, 4-1-8-1)  
Source of sample: Leaf of *Cinchona pubescens* Vahl.  
Locality: Cibodas Botanical Garden, Cisarua, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC F472

History: LIPI (M. Ilyas, LIPI12-2-F371) ← NITE (I. Okane, RC3-2-1-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC F425

History: LIPI (M. Ilyas, LIPI12-2-F158) ← NITE (I. Okane, RC4-2-1-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC F468

History: LIPI (M. Ilyas, LIPI12-2-F142) ← NITE (I. Okane, RC3-1-7-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC F427

History: LIPI (M. Ilyas, LIPI12-2-F218) ← NITE (I. Okane, RC5-1-10-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC F357

History: LIPI (M. Ilyas, LIPI12-2-F351) ← NITE (I. Okane, RC2-2-9-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC F344

History: LIPI (M. Ilyas, LIPI12-2-F106) ← NITE (I. Okane, RC2-2-1-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC F403

History: LIPI (M. Ilyas, LIPI12-2-F185) ← NITE (I. Okane, RC4-2-8-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC F325

History: LIPI (M. Ilyas, LIPI12-2-F040) ← NITE (I. Okane, 3-2-6-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC F364

History: LIPI (M. Ilyas, LIPI12-2-F116) ← NITE (I. Okane, RC2-1-6-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC F336

History: LIPI (M. Ilyas, LIPI12-2-F373) ← NITE (I. Okane, RC3-2-3-3)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC F495

History: LIPI (M. Ilyas, LIPI12-2-F412) ← NITE (I. Okane, RC4-2-3-3)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC F316

History: LIPI (M. Ilyas, LIPI11-2-F174) ← NITE (I. Okane, 5-1-2-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC F358

History: LIPI (M. Ilyas, LIPI12-2-F341) ← NITE (I. Okane, RC2-2-1-3)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC F334

History: LIPI (M. Ilyas, LIPI12-2-F378) ← NITE (I. Okane, RC3-2-6-3)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC F395

History: LIPI (M. Ilyas, LIPI12-2-F074) ← NITE (I. Okane, RC1-1-3-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC F345

History: LIPI (M. Ilyas, LIPI12-2-F350) ← NITE (I. Okane, RC2-2-8-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC F331

History: LIPI (M. Ilyas, LIPI12-2-F110) ← NITE (I. Okane, RC2-2-4-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC F419

History: LIPI (M. Ilyas, LIPI12-2-F406) ← NITE (I. Okane, RC4-1-10-3)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC F482

History: LIPI (M. Ilyas, LIPI12-2-F392) ← NITE (I. Okane, RC4-1-4-4)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***

InaCC Number: InaCC F304

History: LIPI (M. Ilyas, LIPI11-2-F074) ← NITE (I. Okane, 1-5-2-1)

Source of sample: Senescent leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum gloeosporioides***InaCC Number: InaCC **F1040**

History: InaCC ← LIPI (Muhammad Ilyas, ML 2X-1)

Source of sample: Lamina of *Moringa oleifera* Lam.

Locality: Nursery &amp; research garden, Botany Division, RC for Biology-LIPI, Cibinong

Cultivation: MEA

***Colletotrichum magna***InaCC Number: InaCC **F373**

History: LIPI (M. Ilyas, LIPI12-2-F348) ← NITE (I. Okane, RC2-2-6-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum siamense***InaCC Number: InaCC **F302**

History: LIPI (M. Ilyas, LIPI11-2-F073) ← NITE (I. Okane, 1-5-1-4)

Source of sample: Senescent leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum siamense***InaCC Number: InaCC **F275**

History: LIPI (M. Ilyas, LIPI11-2-F158) ← NITE (I. Okane, 4-2-6-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum siamense***InaCC Number: InaCC **F360**

History: LIPI (M. Ilyas, LIPI12-2-F310) ← NITE (I. Okane, RC1-1-8-3)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum siamense***InaCC Number: InaCC **F352**

History: LIPI (M. Ilyas, LIPI12-2-F123) ← NITE (I. Okane, RC2-1-10-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum siamense***InaCC Number: InaCC **F800**

History: InaCC 800 ← LIPI (Muhammad Ilyas) &amp; Diponegoro University (Yuriza Eshananda) BL 1-4

Source of sample: Pseudostem of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: MEA

***Colletotrichum siamense***InaCC Number: InaCC **F1035**

History: InaCC ← LIPI (Muhammad Ilyas, ML 1A-2)

Source of sample: Lamina of *Moringa oleifera* Lam.

Locality: Nursery &amp; research garden, Botany Division, RC for Biology-LIPI, Cibinong

Cultivation: MEA

***Colletotrichum sp.***InaCC Number: InaCC **F362**

History: LIPI (M. Ilyas, LIPI12-2-F316) ← NITE (I. Okane, RC1-2-2-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum sp.***InaCC Number: InaCC **F392**

History: LIPI (M. Ilyas, LIPI12-2-F075) ← NITE (I. Okane, RC1-1-3-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum* sp.**

InaCC Number: InaCC **F356**

History: LIPI (M. Ilyas, LIPI12-2-F112) ← NITE (I. Okane, RC2-1-5-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum* sp.**

InaCC Number: InaCC **F401**

History: LIPI (M. Ilyas, LIPI12-2-F171) ← NITE (I. Okane, RC4-1-5-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum* sp.**

InaCC Number: InaCC **F380**

History: LIPI (M. Ilyas, LIPI12-2-F088) ← NITE (I. Okane, RC1-1-7-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum* sp.**

InaCC Number: InaCC **F430**

History: LIPI (M. Ilyas, LIPI12-2-F432) ← NITE (I. Okane, RC5-1-10-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum* sp.**

InaCC Number: InaCC **F375**

History: LIPI (M. Ilyas, LIPI12-2-F083) ← NITE (I. Okane, RC1-1-5-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum* sp.**

InaCC Number: InaCC **F266**

History: LIPI (M. Ilyas, LIPI11-2-F126) ← NITE (I. Okane, 3-1-9-3)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum* sp.**

InaCC Number: InaCC **F368**

History: LIPI (M. Ilyas, LIPI12-2-F099) ← NITE (I. Okane, RC1-2-10-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum* sp.**

InaCC Number: InaCC **F377**

History: LIPI (M. Ilyas, LIPI12-2-F091) ← NITE (I. Okane, RC1-1-8-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Colletotrichum* sp.**

InaCC Number: InaCC **F797**

History: InaCC 797 ← LIPI (Muhammad Ilyas) & Diponegoro University (Yuriza Eshananda) BL 1-1

Source of sample: Pseudostem of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA



***Colletotrichum sp.***InaCC Number: InaCC **F803**

History: InaCC 803 ← LIPI (Muhammad Ilyas) &amp; Diponegoro University (Yuriza Eshananda) BL 6-1

Source of sample: Pseudostem of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Colletotrichum tropicale***InaCC Number: InaCC **F795**

History: InaCC 795 ← LIPI (Muhammad Ilyas) &amp; Diponegoro University (Yuriza Eshananda) AL 6-1

Source of sample: Root of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Colletotrichum truncatum***InaCC Number: InaCC **F782**

History: InaCC 782 ← LIPI (M Ilyas &amp; A. Agusta, Cr-3)

Source of sample: Stem of *Cryptocarya sp.*

Locality: Enggano Island, North Bengkulu Regency, Bengkulu

Cultivation: PDA

***Collybia radicata***InaCC Number: InaCC **F108**

History: LIPI (E. Sumiati, LIPIMC 0680)

Source of sample: BALITSA

Locality: APR, Netherland

Cultivation: PDA

***Conidiobolus sp.***InaCC Number: InaCC **F609**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), BS03-pp03

Source of sample: Soil collected from soybean plantation (soybean = *Glycine max* (L.) Merr.)

Locality: Beraban, Banjar Batugain Village, Kediri District, Tabanan Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Conidiobolus sp.***InaCC Number: InaCC **F560**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S06-pp01

Source of sample: Soil collected from newly planted cassava (*Manihot utilissima*)

Locality: Punthuk Setumbu Hills, Ngadiharjo Village, Magelang Regency, Central Java

Cultivation: PDA, pH 5.6, 25°C

***Coprinus comatus***InaCC Number: InaCC **F120**

History: LIPI (E. Sumiati, LIPIMC 0699)

Source of sample: BALITSA

Locality: APR, Netherland

Cultivation: PDA

***Corioloropsis aspera***InaCC Number: InaCC **F781**

History: InaCC 781 ← LIPI (M Ilyas &amp; A. Agusta, E-14 (9))

Source of sample: Decaying wood

Locality: Enggano Island, North Bengkulu Regency, Bengkulu

Cultivation: PDA

***Corioloropsis polyzona***InaCC Number: InaCC **F1019**

History: InaCC ← RC. Biology. LIPI (Indri, PM TBA)

Source of sample: Soil

Locality: Central Kalimantan, Indonesia

Cultivation: PDA

***Corioloropsis polyzona***InaCC Number: InaCC **F1065**

History: InaCC ← LIPI (Muhammad Ilyas, ML3AL-1)

Source of sample: Lamina of *Moringa oleifera* Lam.

Locality: Selat Village, Lingsar District, West Lombok Regency, Lombok, Indonesia  
Cultivation: PDA

***Corynespora cassiicola***

InaCC Number: InaCC **F647**  
History: LIPI (M. Ilyas, LIPI12-2-F264) ← IPB (G. Rahayu, C142)  
Source of sample: Root of *Cinchona calisaya* Wedd.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: PDA, pH 7.0, 27°C

***Corynespora cassiicola***

InaCC Number: InaCC **F1054**  
History: InaCC ← LIPI (Muhammad Ilyas, ML 3C-1)  
Source of sample: Lamina of *Moringa oleifera* Lam.  
Locality: Tragtag Village, Lingsar District, West Lombok Regency, Lombok  
Cultivation: PDA

***Cosmospora* sp.**

InaCC Number: InaCC **F261**  
History: LIPI (M. Ilyas, LIPI11-2-F069) ← NITE (I. Okane, 1-4-1-1)  
Source of sample: Bark of *Cinchona pubescens* Vahl.  
Locality: Cibodas Botanical Garden, Cisarua, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Cryptosporiopsis diversispora***

InaCC Number: InaCC **F499**  
History: LIPI (M. Ilyas, LIPI12-2-F408) ← NITE (I. Okane, RC4-2-1-3)  
Source of sample: Petiole of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Cryptosporiopsis diversispora***

InaCC Number: InaCC **F376**  
History: LIPI (M. Ilyas, LIPI12-2-F080) ← NITE (I. Okane, RC3-2-9-3)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Cryptosporiopsis diversispora***

InaCC Number: InaCC **F347**  
History: LIPI (M. Ilyas, LIPI12-2-F382) ← NITE (I. Okane, RC3-2-9-5)  
Source of sample: Petiole of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Curvularia dactyloctenicola***

InaCC Number: InaCC **F1026**  
History: InaCC ← RC. Biology. LIPI (Indri, IR-1)  
Source of sample: *Sorghum bicolor* leaf  
Locality: Indonesian Culture Collection (InaCC) greenhouse, Cibinong, West Java  
Cultivation: PDA

***Curvularia dactyloctenicola***

InaCC Number: InaCC **F1027**  
History: InaCC ← RC. Biology. LIPI (Indri, IR-2)  
Source of sample: *Sorghum bicolor* leaf  
Locality: Indonesian Culture Collection (InaCC) greenhouse, Cibinong, West Java  
Cultivation: PDA

***Curvularia dactyloctenicola***

InaCC Number: InaCC **F1028**  
History: InaCC ← RC. Biology. LIPI (Indri, IR-3)  
Source of sample: *Sorghum bicolor* leaf  
Locality: Indonesian Culture Collection (InaCC) greenhouse, Cibinong, West Java  
Cultivation: PDA

***Curvularia dactyloctenicola***

InaCC Number: InaCC **F1029**  
History: InaCC ← RC. Biology. LIPI (Indri, IR-4)  
Source of sample: *Sorghum bicolor* leaf  
Locality: Indonesian Culture Collection (InaCC) greenhouse, Cibinong, West Java  
Cultivation: PDA

***Curvularia geniculata***

InaCC Number: InaCC F798

History: InaCC 798 ← LIPI (Muhammad Ilyas) &amp; Diponegoro University (Yuriza Eshananda) BL 1-3

Source of sample: Pseudostem of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Curvularia geniculata***

InaCC Number: InaCC F799

History: InaCC 799 ← LIPI (Muhammad Ilyas) &amp; Diponegoro University (Yuriza Eshananda) BL 1-3

Source of sample: Pseudostem of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Curvularia geniculata***

InaCC Number: InaCC F809

History: InaCC 809 ← LIPI (Muhammad Ilyas) &amp; Diponegoro University (Yuriza Eshananda) DL 5-2

Source of sample: Leaf of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Curvularia geniculata***

InaCC Number: InaCC F1059

History: InaCC ← LIPI (Muhammad Ilyas, ML2CL-4)

Source of sample: Lamina of *Moringa oleifera* Lam.

Locality: Tragtag Village, Lingsar District, West Lombok Regency, Lombok

Cultivation: PDA

***Curvularia geniculata***

InaCC Number: InaCC F1069

History: InaCC ← LIPI (Muhammad Ilyas, ML3CP-3)

Source of sample: Petiole of *Moringa oleifera* Lam.

Locality: Selat Village, Lingsar District, West Lombok Regency, Lombok

Cultivation: PDA

***Curvularia lunata***

InaCC Number: InaCC F160

History: LIPI (M.Ilyas) ← LIPI (M.Ilyas, LL06-F017)

Source of sample: Leaf litter

Locality: Mt. Lawu, Karanganyar Regency, Surakarta

Cultivation: PDA

***Curvularia lunata***

InaCC Number: InaCC F212

History: LIPI (M.Ilyas) ← LIPI (M.Ilyas, BL 02-4)

Source of sample: Leaf litter

Locality: Mt. Bromo, Ngadisari, Pasuruan Regency

Cultivation: PDA

***Curvularia lunata***

InaCC Number: InaCC F1058

History: InaCC ← LIPI (Muhammad Ilyas, ML2CL-3)

Source of sample: Lamina of *Moringa oleifera* Lam.

Locality: Tragtag Village, Lingsar District, West Lombok Regency, Lombok

Cultivation: PDA

***Curvularia lunata var. aeria***

InaCC Number: InaCC F1066

History: InaCC ← LIPI (Muhammad Ilyas, ML3BL-1)

Source of sample: Lamina of *Moringa oleifera* Lam.

Locality: Selat Village, Lingsar District, West Lombok Regency, Lombok

Cultivation: PDA

***Curvularia verruculosa***InaCC Number: InaCC **F1057**

History: InaCC ← LIPI (Muhammad Ilyas, ML2CL-2)

Source of sample: Lamina of *Moringa oleifera* Lam.

Locality: Tragtag Village, Lingsar District, West Lombok Regency, Lombok

Cultivation: PDA

***Curvularia verruculosa***InaCC Number: InaCC **F1067**

History: InaCC ← LIPI (Muhammad Ilyas, ML3BL-2)

Source of sample: Lamina of *Moringa oleifera* Lam.

Locality: Selat Village, Lingsar District, West Lombok Regency, Lombok

Cultivation: PDA

***Cyathus stercoreus***InaCC Number: InaCC **F1088**

History: InaCC ← RC. Biology. LIPI (Indri, F19-IN005)

Source of sample: Rice husk medium

Locality: Indonesian Culture Collection (InaCC) Greenhouse, Cibinong, West Java

Cultivation: PDA

***Daldinia eschscholtzii***InaCC Number: InaCC **F1013**

History: InaCC ← RC. Biology. LIPI (Indri, SA2 80)

Source of sample: Soil

Locality: Central Kalimantan, Indonesia

Cultivation: PDA

***Diaporthe cinchonae***InaCC Number: InaCC **F622**

History: IPB &amp; NITE (G. Rahayu and I. Okane, LIPI12-2-F444) ← IPB (N. Radiastuti, 3-2-1-A2)

Source of sample: Branch of *Cinchona calisaya*

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: PDA, pH 7, 27°C

***Diaporthe cinchonae***InaCC Number: InaCC **F623**

History: IPB &amp; NITE (G. Rahayu and I. Okane, LIPI12-2-F445) ← IPB (N. Radiastuti, 2-3-2-B2)

Source of sample: Petiole of *Cinchona calisaya*

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: PDA, pH 7, 27°C

***Diaporthe cinchonae***InaCC Number: InaCC **F626**

History: IPB &amp; NITE (G. Rahayu and I. Okane, LIPI12-2-F448) ← IPB (N. Radiastuti, 5-3-1-C1)

Source of sample: Branch of *Cinchona calisaya*

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: PDA, pH 7, 27°C

***Diaporthe cinchonae***InaCC Number: InaCC **F625**

History: IPB &amp; NITE (G. Rahayu and I. Okane, LIPI12-2-F447) ← IPB (N. Radiastuti, 4-3-2-A2)

Source of sample: Branch of *Cinchona calisaya*

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: PDA, pH 7, 27°C

***Diaporthe endophytica***InaCC Number: InaCC **F621**

History: IPB &amp; NITE (G. Rahayu and I. Okane, LIPI12-2-F443) ← IPB (N. Radiastuti, 1-7-5-D1)

Source of sample: Fruit of *Cinchona calisaya*

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: PDA, pH 7, 27°C

***Diaporthe eucalyptorum***InaCC Number: InaCC **F488**

History: LIPI (M. Ilyas, LIPI12-2-F407) ← NITE (I. Okane, RC4-1-10-4)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Diaporthe helianthi***InaCC Number: InaCC **F463**

History: LIPI (M. Ilyas, LIPI12-2-F146) ← NITE (I. Okane, RC3-1-8-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Diaporthe helianthi***

InaCC Number: InaCC **F469**

History: LIPI (M. Ilyas, LIPI12-2-F367) ← NITE (I. Okane, RC3-1-8-3)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Diaporthe phaseolorum***

InaCC Number: InaCC **F466**

History: LIPI (M. Ilyas, LIPI12-2-F139) ← NITE (I. Okane, RC3-2-5-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Diaporthe* sp.**

InaCC Number: InaCC **F624**

History: IPB & NITE (G. Rahayu and I. Okane, LIPI12-2-F446) ← IPB (N. Radiastuti, 3-1-5-A2)

Source of sample: Leaf of *Cinchona calisaya*

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: PDA, pH 7, 27°C

***Diaporthe* sp.**

InaCC Number: InaCC **F462**

History: LIPI (M. Ilyas, LIPI12-2-F141) ← NITE (I. Okane, RC3-2-6-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Diaporthe* sp.**

InaCC Number: InaCC **F464**

History: LIPI (M. Ilyas, LIPI12-2-F376) ← NITE (I. Okane, RC3-2-5-3)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Dothideomycetes***

InaCC Number: InaCC **F354**

History: LIPI (M. Ilyas, LIPI12-2-F439) ← NITE (I. Okane, RC5-2-8-3)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Emericella nidulans***

InaCC Number: InaCC **F159**

History: LIPI (M. Ilyas, BS 12)

Source of sample: Soil

Locality: Mt. Bromo, Ngadisari, Pasuruan Regency

Cultivation: PDA, pH

***Emericella nidulans***

InaCC Number: InaCC **F156**

History: LIPI (M. Ilyas) ← LIPI (M. Ilyas, BS 11)

Source of sample: Soil

Locality: Mt. Bromo, Ngadisari, Pasuruan Regency

Cultivation: PDA

***Emericellopsis* sp.**

InaCC Number: InaCC **F563**

History: NBRC (S. Inaba) & LIPI (M. Ilyas), S13-pp01

Other CC: NBRC112088

Source of sample: Soil collected from tobacco (*Nicotiana tabacum*) plantation

Locality: Ketep Pass highland, Sawangan, Magelang Regency, Central Java

Cultivation: PDA, pH 5.6, 25°C

***Endocalyx indumentum***

InaCC Number: InaCC **F758**

History: LIPI (M. Ilyas, LIPI11-2-F217) ← LIPI (M. Ilyas, L03-D1 02)

Source of sample: Dead leaves (petiole) of *Carpentaria acuminata* (H.Wendl. & Drude) Becc.

Locality: Cibodas Botanical Garden, Cisarua, West Java Indonesia

Cultivation: PDA, pH 7.0, 27°C

***Epicoccum sorghinum***

InaCC Number: InaCC **F1078**

History: InaCC ← RC. Biology. LIPI (Indri, 5.2.3.)

Source of sample: *Ipomoea aquatica* tissue

Locality: Cibinong Traditional Market

Cultivation: PDA

***Eupenicillium javanicum***

InaCC Number: InaCC **F154**

History: LIPI (M.Ilyas, SR 005)

Source of sample: Soil

Locality: Cibinong Science Center, Cibinong

Cultivation: PDA

***Exophiala sp.***

InaCC Number: InaCC **F640**

History: LIPI (A. Kanti) & NBRC (A. Yamazaki), JSAT12-2-Y374 ← NBRC (A. Yamazaki) & LIPI (A. Kanti), DS-07-2

Source of sample: Soil under palm tree

Locality: Dramaga Protected forest, West Java

Cultivation: YMA, pH 5.6, 25°C

***Exserohilum turcicum***

InaCC Number: InaCC **F193**

History: LIPI (I. Hidayat, LIPIMC 0606) ← LIPI (I. Hidayat)

Source of sample: Leaf spot of corn (*Zea mays* L.)

Locality: AGATO organic farm, Bogor

Cultivation: MEA

***Fomitopsis feei***

InaCC Number: InaCC **F1072**

History: InaCC ← RC. Biology. LIPI (Indri, CKMS027)

Source of sample: Dead log

Locality: Mt. Halimun-Salak National Park (GHSNP), Sukabumi, West Java

Cultivation: PDA

***Fusarium equiseti***

InaCC Number: InaCC **F785**

History: InaCC 785 ← LIPI (M Ilyas & A. Agusta, Sm-3)

Source of sample: Stem of *Smilax macrophylla* Roxb.

Locality: Enggano Island, North Bengkulu Regency, Bengkulu

Cultivation: PDA

***Fusarium equiseti***

InaCC Number: InaCC **F1050**

History: InaCC ← LIPI (Muhammad Ilyas, ML1BL-1)

Source of sample: Lamina of *Moringa oleifera* Lam.

Locality: Narmada Park, Lembuah Village, Narmada District, West Lombok Regency, Lombok

Cultivation: PDA

***Fusarium equiseti***

InaCC Number: InaCC **F1053**

History: InaCC ← LIPI (Muhammad Ilyas, ML2AL-1)

Source of sample: Lamina of *Moringa oleifera* Lam.

Locality: Tragtag Village, Lingsar District, West Lombok Regency, Lombok

Cultivation: PDA

***Fusarium equiseti***

InaCC Number: InaCC **F1064**

History: InaCC ← LIPI (Muhammad Ilyas, ML2BS-1)

Source of sample: Stem of *Moringa oleifera* Lam.

Locality: Tragtag Village, Lingsar District, West Lombok Regency, Lombok

Cultivation: PDA

***Fusarium nematophilum***

InaCC Number: InaCC F796

History: InaCC 796 ← LIPI (Muhammad Ilyas) &amp; Diponegoro University (Yuriza Eshananda) AL 6-2

Source of sample: Root of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Fusarium oxysporum***

InaCC Number: InaCC F641

History: LIPI (M. Ilyas, LIPI12-2-F236) ← IPB (G. Rahayu, A121)

Source of sample: Root of *Cinchona calisaya* Wedd.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: PDA, pH 7.0, 27°C

***Fusarium oxysporum***

InaCC Number: InaCC F642

History: LIPI (M. Ilyas, LIPI12-2-F239) ← IPB (G. Rahayu, A242)

Source of sample: Root of *Cinchona calisaya* Wedd.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: PDA, pH 7.0, 27°C

***Fusarium oxysporum***

InaCC Number: InaCC F85

History: LIPI (M.Ilyas, LIPIMC 0091) ← LIPI (M.Ilyas, SL C MF 01)

Source of sample: Leaf litter

Locality: Mt. Salak, Sukabumi Regency

Cultivation: PDA

***Fusarium oxysporum***

InaCC Number: InaCC F142

History: LIPI (M.Ilyas, LIPIMC 0172) ← LIPI (M.Ilyas, LL06-F026)

Source of sample: Leaf litter

Locality: Mt. Lawu, Karanganyar Regency, Surakarta

Cultivation: PDA

***Fusarium oxysporum***

InaCC Number: InaCC F153

History: LIPI (M.Ilyas) ← LIPI (M.Ilyas, W 34 A-5)

Source of sample: Mangrove leaf litter

Locality: Waigeo, Raja Ampat Islands

Cultivation: PDA

***Fusarium oxysporum***

InaCC Number: InaCC F223

History: LIPI (M.Ilyas) ← LIPI (M.Ilyas, LL06-F027)

Source of sample: Leaf litter

Locality: Mt. Lawu, Karanganyar Regency, Surakarta

Cultivation: PDA

***Fusarium oxysporum***

InaCC Number: InaCC F219

History: LIPI (I. Hidayat) ← LIPI (I. Hidayat)

Source of sample: Leaf of potato (*Solanum tuberosum* L.)

Locality: AGATO organic farm, Bogor

Cultivation: MEA

***Fusarium oxysporum***

InaCC Number: InaCC F78

History: LIPI (M.Ilyas, LIPIMC 0182) ← LIPI (M.Ilyas, PHLE 2.3)

Source of sample: Mangrove leaf litter

Locality: Waigeo, Raja Ampat Islands

Cultivation: PDA

***Fusarium proliferatum***

InaCC Number: InaCC F1006

History: InaCC ← RC. Biology. LIPI (Indri, CSC06 (D))

Source of sample: Soil

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Fusarium solani***

InaCC Number: InaCC F654

History: LIPI (M. Ilyas, LIPI12-2-F281) ← IPB (G. Rahayu, D151)

Source of sample: Root of *Cinchona calisaya* Wedd.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: PDA, pH 7.0, 27°C

***Fusarium solani***

InaCC Number: InaCC F76

History: LIPI (M.Ilyas, LIPIMC 0137) ← LIPI (M.Ilyas, A1500-F003)

Source of sample: Soil

Locality: Mt. Ciremai, Kuningan Regency

Cultivation: PDA

***Fusarium solani***

InaCC Number: InaCC F84

History: LIPI (M.Ilyas, LIPIMC 0185) ← LIPI (M.Ilyas, W 34A-5)

Source of sample: Mangrove leaf litter

Locality: Waigeo, Raja Ampat Islands

Cultivation: PDA

***Fusarium solani***

InaCC Number: InaCC F83

History: LIPI (M.Ilyas, LIPIMC 0164) ← LIPI (M.Ilyas, KT 4-2)

Source of sample: Mangrove leaf litter

Locality: Waigeo, Raja Ampat Islands

Cultivation: PDA

***Fusarium solani***

InaCC Number: InaCC F4

History: LIPI (A. Agusta, LIPIMC 0163) ← LIPI (A. Agusta, GUF3)

Source of sample: *Uncaria gambir* Roxb. var. udang fruitLocality: *Uncaria gambir* Roxb. plantation, Harau Valley, Lima Puluh Kota Regency

Cultivation: PDA

***Fusarium solani***

InaCC Number: InaCC F82

History: LIPI (A. Agusta, LIPIMC 0158) ← LIPI (A. Agusta, GNC-1)

Source of sample: *Uncaria gambir* Roxb. var. nasi stemLocality: *Uncaria gambir* Roxb. plantation, Rengat Regency

Cultivation: PDA

***Fusarium solani***

InaCC Number: InaCC F81

History: LIPI (M.Ilyas, LIPIMC 0140) ← LIPI (M.Ilyas, A2900-F004)

Source of sample: Soil

Locality: Mt. Ciremai, Kuningan Regency

Cultivation: PDA

***Fusarium solani***

InaCC Number: InaCC F80

History: LIPI (A. Agusta, LIPIMC 0159) ← LIPI (A. Agusta, GNC-4)

Source of sample: *Uncaria gambir* Roxb. var. nasi stemLocality: *Uncaria gambir* Roxb. plantation, Rengat Regency

Cultivation: PDA

***Fusarium sp.***

InaCC Number: InaCC F79

History: LIPI (A. Agusta, LIPIMC 0160) ← LIPI (A. Agusta, GNDP 2)

Source of sample: *Uncaria gambir* Roxb. var. nasi rootLocality: *Uncaria gambir* Roxb. Plantation, Harau Valley, Lima Puluh Kota Regency

Cultivation: PDA

***Fusarium sp.***

InaCC Number: InaCC F561

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S08-pp01

Source of sample: Soil/mud collected from ± 1.5 months old of paddy (*Oryza sativa*) field



Locality: Borobudur Village, Magelang Regency, Central Java

Cultivation: PDA, pH 5.6, 25°C

***Fusarium* sp.**

InaCC Number: InaCC **F793**

History: InaCC 793 ← LIPI (Muhammad Ilyas) & Diponegoro University (Yuriza Eshananda) AL 5-3

Source of sample: Root of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Fusarium* sp.**

InaCC Number: InaCC **F804**

History: InaCC 804 ← LIPI (Muhammad Ilyas) & Diponegoro University (Yuriza Eshananda) BL 6-2

Source of sample: Pseudostem of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Ganoderma australe***

InaCC Number: InaCC **F1073**

History: InaCC ← RC. Biology. LIPI (Indri, CKMS009)

Source of sample: Dead log

Locality: Mt. Halimun-Salak National Park (GHSNP), Sukabumi, West Java

Cultivation: PDA

***Ganoderma lucidum***

InaCC Number: InaCC **F106**

History: LIPI (E. Sumiati, LIPIMC 0677)

Source of sample: BALITSA

Locality: PAU I.Hayati ITB, Bandung

Cultivation: PDA

***Ganoderma weberianum***

InaCC Number: InaCC **F1090**

History: InaCC ← RC. Biology. LIPI (Indri, LOM-1)

Source of sample: Dead log

Locality: High street along to the Pusuk Forest view point, Kolohbera Village, Pemenang District, West Lombok Regency, West Nusa Tenggara

Cultivation: PDA

***Geotrichum* sp.**

InaCC Number: InaCC **F574**

History: NBRC (S. Inaba) & LIPI (M. Ilyas), S25-pp01

Source of sample: Soil collected from cauliflower (*Brassica oleracea* var. *botrytis*) plantation

Locality: Imogiri, Bantul Regency, Yogyakarta Special Region

Cultivation: PDA, pH 5.6, 25°C

***Gliocladium virens***

InaCC Number: InaCC **F94**

History: LIPI (M.Ilyas, LIPIMC 0388) ← LIPI (M.Ilyas, W 33 A6)

Source of sample: Mangrove leaf litter

Locality: Waigeo, Raja Ampat Islands

Cultivation: PDA

***Glomerella acutata***

InaCC Number: InaCC **F428**

History: LIPI (M. Ilyas, LIPI12-2-F200) ← NITE (I. Okane, RC5-2-2-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Guignardia mangiferae***

InaCC Number: InaCC **F351**

History: LIPI (M. Ilyas, LIPI12-2-F427) ← NITE (I. Okane, RC5-1-7-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Guignardia mangiferae***

InaCC Number: InaCC F474

History: LIPI (M. Ilyas, LIPI12-2-F143) ← NITE (I. Okane, RC3-1-7-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Guignardia musae***

InaCC Number: InaCC F191

History: LIPI (N. F. Wulandari, LIPIMC 0602) ← LIPI (N. F. Wulandari, NFW359)

Source of sample: Leaf spot of banana (*Musa paradisiaca* L.)

Locality: Cirebon

Cultivation: MEA

***Guignardia musae***

InaCC Number: InaCC F211

History: LIPI (N. F. Wulandari, LIPIMC 0601) ← LIPI (N. F. Wulandari, NFW357)

Source of sample: Leaf spot of banana (*Musa paradisiaca* L.)

Locality: Tuban

Cultivation: MEA

***Gymnopus* sp.**

InaCC Number: InaCC F1076

History: InaCC ← RC. Biology. LIPI (Indri, CKMS030)

Source of sample: Dead log (*Musa paradisiaca* L.)

Locality: Mt. Halimun-Salak National Park (GHSNP), Sukabumi, West Java

Cultivation: PDA

***Helminthosporium s. lato***

InaCC Number: InaCC F754

History: LIPI (M. Ilyas, LIPI11-2-F212) ← LIPI (M. Ilyas, L01-D1 05)

Source of sample: Dead branch of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java, Indonesia

Cultivation: PDA, pH 7.0, 27°C

***Helminthosporium s. lato***

InaCC Number: InaCC F752

History: LIPI (M. Ilyas, LIPI11-2-F210) ← LIPI (M. Ilyas, L01-D1 03)

Source of sample: Dead branch of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java, Indonesia

Cultivation: PDA, pH 7.0, 27°C

***Helminthosporium s. lato***

InaCC Number: InaCC F753

History: LIPI (M. Ilyas, LIPI11-2-F211) ← LIPI (M. Ilyas, L01-D1 04)

Source of sample: Dead branch of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java, Indonesia

Cultivation: PDA, pH 7.0, 27°C

***Helminthosporium s. lato***

InaCC Number: InaCC F765

History: LIPI (M. Ilyas, LIPI11-2-F230) ← LIPI (M. Ilyas, L09-D1 01)

Source of sample: Dead twig of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java, Indonesia

Cultivation: PDA, pH 7.0, 27°C

***Hypomyces***

InaCC Number: InaCC F233

History: LIPI (A. Agusta) ← LIPI (A. Agusta, GKBT-2)

Source of sample: *Rennellia elliptica* Korth. stem

Locality: Forest near Palangkaraya

Cultivation: MEA

***Hypoxyton investiens***

InaCC Number: InaCC F1014

History: InaCC ← RC. Biology. LIPI (Indri, SA2 85)

Source of sample: Soil

Locality: Central Kalimantan, Indonesia

Cultivation: PDA

***Hypsizygus tessulatus***

InaCC Number: InaCC F787

History: InaCC F787 ← LIPI (M. Ilyas, LIPIMC 0615) ← BALITSA (E. Sumiati, EMI 31001)

Source of sample: Open deposition from Vegetable Crops Research Institute (BALITSA)

Locality: Alexander Chandra, Junggo-Malang

Cultivation: PDA

***Lagenidium* sp.**

InaCC Number: InaCC F571

History: NBRC (S. Inaba) & LIPI (M. Ilyas), S22-pp01

Source of sample: Soil/mud collected from ± 2 months old paddy (*Oryza sativa* L.) field

Locality: Imogiri, Bantul Regency, Yogyakarta Special Region

Cultivation: PDA, pH 5.6, 25°C

***Lasiodiplodia crassispora***

InaCC Number: InaCC F483

History: LIPI (M. Ilyas, LIPI12-2-F422) ← NITE (I. Okane, RC4-4-1-2)

Source of sample: Bark of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Lasiodiplodia mahajangana***

InaCC Number: InaCC F1008

History: InaCC ← RC. Biology. LIPI (Indri, CSC14 (D))

Source of sample: Soil

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Lasiodiplodia theobromae***

InaCC Number: InaCC F644

History: LIPI (M. Ilyas, LIPI12-2-F259) ← IPB (G. Rahayu, B322)

Source of sample: Root of *Cinchona calisaya* Wedd.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: PDA, pH 7.0, 27°C

***Lasiodiplodia theobromae***

InaCC Number: InaCC F784

History: InaCC 784 ← LIPI (M Ilyas & A. Agusta, Cs-3)

Source of sample: Stem of *Calophyllum soulattri* Burm. f.

Locality: Enggano Island, North Bengkulu Regency, Bengkulu

Cultivation: PDA

***Lasiodiplodia theobromae***

InaCC Number: InaCC F786

History: InaCC 786 ← LIPI (M Ilyas & A. Agusta, So-4)

Source of sample: Stem of *Smilax odoratissima* Blume

Locality: Enggano Island, North Bengkulu Regency, Bengkulu

Cultivation: PDA

***Lasiodiplodia theobromae***

InaCC Number: InaCC F1007

History: InaCC ← RC. Biology. LIPI (Indri, CSC19 (L))

Source of sample: Soil

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Lentinula edodes***

InaCC Number: InaCC F138

History: LIPI (E. Sumiati, LIPIMC 0579)

Source of sample: BALITSA

Locality: Bionic Farm, Cimacan-Cianjur

Cultivation: PDA

***Lentinula edodes***

InaCC Number: InaCC F129

History: LIPI (E. Sumiati, LIPIMC 0614)

Source of sample: BALITSA

Locality: Bionic Farm, Cimacan-Cianjur

Cultivation: PDA

***Lentinula edodes***

InaCC Number: InaCC **F95**  
 History: LIPI (E. Sumiati, LIPIMC 0584)  
 Source of sample: BALITSA  
 Locality: Forestry Research & Development/  
 Enjah - Bogor  
 Cultivation: PDA

***Microporus ochrotinctus***

InaCC Number: InaCC **F1017**  
 History: InaCC ← RC. Biology. LIPI (Indri, KT2  
 91)  
 Source of sample: Soil  
 Locality: Central Kalimantan, Indonesia  
 Cultivation: PDA

***Monascus purpureus***

InaCC Number: InaCC **F147**  
 History: LIPI (M.Ilyas) ← LIPI (M.Ilyas, AC 01)  
 Source of sample: Fermented food: angkak  
 Locality: Cibinong Traditional Market,  
 Cibinong, Bogor  
 Cultivation: PDA

***Monascus purpureus***

InaCC Number: InaCC **F1**  
 History: LIPI (M.Ilyas, LIPIMC 0141) ← LIPI  
 (M.Ilyas, AB 02-1)  
 Source of sample: Fermented food: angkak  
 Locality: Kosambi Traditional Market, Bandung  
 Cultivation: PDA

***Mortierella sp.***

InaCC Number: InaCC **F616**  
 History: NBRC (S. Inaba) & LIPI (M. Ilyas),  
 BS16-pp01  
 Source of sample: Soil collected in citrus plantation  
 with redbean intercropping (citrus = *Citrus*  
*sinensis* Osbeck) (redbean = *Phaseolus vulgaris* L.)  
 Locality: Pengatan Village, Kintamani District,  
 Bangli Regency, Bali  
 Cultivation: PDA, pH 5.6, 25°C

***Mortierella sp.***

InaCC Number: InaCC **F150**  
 History: LIPI (M.Ilyas) ← LIPI (M.Ilyas, SR 001)  
 Source of sample: Soil  
 Locality: Cibinong Science Center, Cibinong  
 Cultivation: PDA

***Mortierella sp.***

InaCC Number: InaCC **F549**  
 History: NBRC (S. Inaba) & LIPI (M. Ilyas),  
 S10-ss01  
 Source of sample: Soil collected from sugarcane  
 (*Saccharum officinarum*) plantation  
 Locality: Borobudur Village, Magelang Regency,  
 Central Java  
 Cultivation: PDA, pH 5.6, 25°C

***Mortierella sp.***

InaCC Number: InaCC **F552**  
 History: NBRC (S. Inaba) & LIPI (M. Ilyas),  
 S18-ss01  
 Source of sample: Soil/mud collected from  
 almost harvest ( $\pm$  4 months old) paddy (*Oryza*  
*sativa* L.) field  
 Locality: Paddy field near Kali Putih Riverbank,  
 Sawangan, Magelang Regency, Central Java  
 Cultivation: PDA, pH 5.6, 25°C

***Mucor ramosissimus***

InaCC Number: InaCC **F7**  
 History: LIPI (M.Ilyas, LIPIMC 0578) ← LIPI  
 (M.Ilyas, SLFD)  
 Source of sample: Leaf litter  
 Locality: Mt. Salak, Sukabumi Regency  
 Cultivation: PDA

***Mucor ramosissimus***

InaCC Number: InaCC **F1052**  
 History: InaCC ← LIPI (Muhammad Ilyas,  
 MP1AP-1)  
 Source of sample: Petiole of *Moringa oleifera*  
 Lam.  
 Locality: Narmada Park, Lembuuh Village,  
 Narmada District, West Lombok Regency,  
 Lombok  
 Cultivation: PDA

***Muyocopron sahnii***InaCC Number: InaCC **F802**

History: InaCC 802 ← LIPI (Muhammad Ilyas) &amp; Diponegoro University (Yuriza Eshananda) BL 5-2

Source of sample: Pseudostem of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***InaCC Number: InaCC **F311**

History: LIPI (M. Ilyas, LIPI12-2-F057) ← NITE (I. Okane, 5-1-3-3)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***InaCC Number: InaCC **F350**

History: LIPI (M. Ilyas, LIPI12-2-F424) ← NITE (I. Okane, RC5-1-3-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***InaCC Number: InaCC **F320**

History: LIPI (M. Ilyas, LIPI12-2-F039) ← NITE (I. Okane, 3-2-5-4)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***InaCC Number: InaCC **F370**

History: LIPI (M. Ilyas LIPI12-2-F330) ← NITE (I. Okane, RC2-1-3-3)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***InaCC Number: InaCC **F471**

History: LIPI (M. Ilyas, LIPI12-2-F359) ← NITE (I. Okane, RC3-1-4-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***InaCC Number: InaCC **F317**

History: LIPI (M. Ilyas, LIPI12-2-F042) ← NITE (I. Okane, 3-1-10-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***InaCC Number: InaCC **F497**

History: LIPI (M. Ilyas, LIPI12-2-F182) ← NITE (I. Okane, RC3-1-2-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***InaCC Number: InaCC **F348**

History: LIPI (M. Ilyas, LIPI12-2-F428) ← NITE (I. Okane, RC5-1-7-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.***Mycelia sterilia***InaCC Number: InaCC **F496**

History: LIPI (M. Ilyas, LIPI12-2-F399) ← NITE (I. Okane, RC4-1-7-4)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***

InaCC Number: InaCC **F489**  
History: LIPI (M. Ilyas, LIPI12-2-F173) ← NITE (I. Okane, RC4-2-5-1)  
Source of sample: Petiole of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***

InaCC Number: InaCC **F473**  
History: LIPI (M. Ilyas, LIPI12-2-F151) ← NITE (I. Okane, RC3-1-9-2)  
Source of sample: Leaf of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***

InaCC Number: InaCC **F470**  
History: LIPI (M. Ilyas, LIPI12-2-F374) ← NITE (I. Okane, RC3-2-4-3)  
Source of sample: Petiole of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***

InaCC Number: InaCC **F449**  
History: LIPI (M. Ilyas, LIPI12-2-F203) ← NITE (I. Okane, RC5-2-4-1)  
Source of sample: Petiole of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***

InaCC Number: InaCC **F448**  
History: LIPI (M. Ilyas, LIPI12-2-F201) ← NITE (I. Okane, RC5-1-3-1)  
Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***

InaCC Number: InaCC **F447**  
History: LIPI (M. Ilyas, LIPI12-2-F431) ← NITE (I. Okane, RC5-1-9-3)  
Source of sample: Leaf of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***

InaCC Number: InaCC **F438**  
History: LIPI (M. Ilyas, LIPI12-2-442) ← NITE (I. Okane, RC5-3-1-1)  
Source of sample: Stem of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***

InaCC Number: InaCC **F420**  
History: LIPI (M. Ilyas, LIPI12-2-F420) ← NITE (I. Okane, RC4-2-9-4)  
Source of sample: Petiole of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***

InaCC Number: InaCC **F391**  
History: LIPI (M. Ilyas, LIPI12-2-F078) ← NITE (I. Okane, RC1-1-4-1)  
Source of sample: Leaf of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***

InaCC Number: InaCC **F481**  
History: LIPI (M. Ilyas, LIPI12-2-F184) ← NITE (I. Okane, RC4-1-8-1)  
Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***

InaCC Number: InaCC **F278**  
History: LIPI (M. Ilyas, LIPI11-2-F166) ← NITE (I. Okane, 4-3-2-1)  
Source of sample: Stem of *Cinchona pubescens* Vahl.  
Locality: Cibodas Botanical Garden, Cisarua, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***

InaCC Number: InaCC **F414**  
History: LIPI (M. Ilyas, LIPI12-2-F162) ← NITE (I. Okane, RC4-2-2-1)  
Source of sample: Petiole of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***

InaCC Number: InaCC **F404**  
History: LIPI (M. Ilyas, LIPI12-2-F389) ← NITE (I. Okane, RC4-1-3-3)  
Source of sample: Leaf of *Cinchona pubescens* Vahl.  
Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***

InaCC Number: InaCC **F281**  
History: LIPI (M. Ilyas, LIPI11-2-F145) ← NITE (I. Okane, 3-4-5-1)  
Source of sample: Bark of *Cinchona pubescens* Vahl.  
Locality: Cibodas Botanical Garden, Cisarua, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Mycelia sterilia***

InaCC Number: InaCC **F374**  
History: LIPI (M. Ilyas, LIPI12-2-F324) ← NITE (I. Okane, RC1-3-3-2)

Source of sample: Stem of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java  
Cultivation: MEA, pH 7.0, 27°C

***Nectria* sp.**

InaCC Number: InaCC **F757**  
History: LIPI (M. Ilyas, LIPI11-2-F215) ← LIPI (M. Ilyas, L02-D1 02)  
Source of sample: Dead branch of *Cinchona pubescens* Vahl.  
Locality: Cibodas Botanical Garden, Cisarua, West Java, Indonesia  
Cultivation: PDA, pH 7.0, 27°C

***Nemania primolutea***

InaCC Number: InaCC **F1018**  
History: InaCC ← RC. Biology. LIPI (Indri, KT2 106)  
Source of sample: Soil  
Locality: Central Kalimantan, Indonesia  
Cultivation: PDA

***Neobulgaria* sp.**

InaCC Number: InaCC **F629**  
History: LIPI (A. Kanti) & NBRC (A. Yamazaki), JSAT11-2-Y003 ← NBRC (A. Yamazaki) & LIPI (A. Kanti), CS02. R-2  
Source of sample: Soil under quina (*Cinchona pubescens*)  
Locality: Cibodas Botanical Garden, Cisarua, West Java  
Cultivation: YMA, pH 5.6, 25°C

***Neocosmospora solani***

InaCC Number: InaCC **F1010**  
History: InaCC ← RC. Biology. LIPI (Indri, CSC20 (D))  
Source of sample: Soil  
Locality: Cibinong Science Center, Cibinong, West Java  
Cultivation: PDA

***Neocosmospora solani***InaCC Number: InaCC **F1046**

History: InaCC ← LIPI (Muhammad Ilyas, RK-02)

Source of sample: Rhizosphere of *Moringa oleifera* Lam. seedling with wilt disease symptoms

Locality: Nursery &amp; research garden, Botany Division, RC for Biology-LIPI, Cibinong Science Center, Cibinong

Cultivation: PDA

***Neocosmospora solani***InaCC Number: InaCC **F1047**

History: InaCC ← LIPI (Muhammad Ilyas, AK-01)

Source of sample: Rhizosphere of *Moringa oleifera* Lam. seedling with wilt disease symptoms

Locality: Nursery &amp; research garden, Botany Division, RC for Biology-LIPI, Cibinong Science Center, Cibinong

Cultivation: PDA

***Neocosmospora solani***InaCC Number: InaCC **F1048**

History: InaCC ← LIPI (Muhammad Ilyas, BK-05)

Source of sample: Rhizosphere of *Moringa oleifera* Lam. seedling with wilt disease symptoms

Locality: Nursery &amp; research garden, Botany Division, RC for Biology-LIPI, Cibinong Science Center, Cibinong

Cultivation: PDA

***Neocosmospora vasinfecta***InaCC Number: InaCC **F657**

History: LIPI (M. Ilyas, LIPI12-2-F288) ← IPB (G. Rahayu, D421)

Source of sample: Root of *Cinchona calisaya* Wedd.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: PDA, pH 7.0, 27°C

***Neofusicoccum parvum***InaCC Number: InaCC **F494**

History: LIPI (M. Ilyas, LIPI12-2-F387) ← NITE (I. Okane, RC4-1-2-4)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Neofusicoccum parvum***InaCC Number: InaCC **F372**

History: LIPI (M. Ilyas, LIPI12-2-F077) ← NITE (I. Okane, RC1-2-3-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Neofusicoccum parvum***InaCC Number: InaCC **F393**

History: LIPI (M. Ilyas, LIPI12-2-F094) ← NITE (I. Okane, RC1-2-8-3)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Neofusicoccum parvum***InaCC Number: InaCC **F273**

History: LIPI (M. Ilyas, LIPI11-2-F138) ← NITE (I. Okane, 3-2-9-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Neopestalotiopsis asiatica***InaCC Number: InaCC **F805**

History: InaCC 805 ← LIPI (Muhammad Ilyas) &amp; Diponegoro University (Yuriza Eshananda) BL 7-1

Source of sample: Pseudostem of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA



***Neopestalotiopsis asiatica***InaCC Number: InaCC **F808**

History: InaCC 808 ← LIPI (Muhammad Ilyas) &amp; Diponegoro University (Yuriza Eshananda) DL 4-1

Source of sample: Leaf of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Neurospora intermedia***InaCC Number: InaCC **F226**

History: LIPI (M.Ilyas, LIPIMC 0383) ← LIPI (M.Ilyas, SLIMF)

Source of sample: Leaf litter

Locality: Mt. Salak, Sukabumi Regency

Cultivation: PDA

***Ochrocladosporium frigidarii***InaCC Number: InaCC **F1054**

History: InaCC ← LIPI (Muhammad Ilyas, ML2AL-5)

Source of sample: Lamina of *Moringa oleifera* Lam.

Locality: Tragtag Village, Lingsar District, West Lombok Regency, Lombok

Cultivation: PDA

***Oidiodendron* sp.**InaCC Number: InaCC **F1031**

History: InaCC ← RC. Biology. LIPI (Indri, Odn-1)

Source of sample: *Pinus merkusii* root

Locality: Banana plantation field trial of Research Center for Biology-LIPI, West Java

Cultivation: PDA

***Oidiodendron* sp.**InaCC Number: InaCC **F1032**

History: InaCC ← RC. Biology. LIPI (Indri, Odn-2)

Source of sample: *Pinus merkusii* root

Locality: Banana plantation field trial of Research Center for Biology-LIPI, West Java

Cultivation: PDA

***Paecilomyces variotii***InaCC Number: InaCC **F227**

History: LIPI (M.Ilyas) ← LIPI (M.Ilyas, BS 08-3)

Source of sample: Soil

Locality: Mt. Bromo, Ngadisari, Pasuruan Regency

Cultivation: PDA

***Paecilomyces variotii***InaCC Number: InaCC **F166**

History: LIPI (M.Ilyas) ← LIPI (M.Ilyas, LL06-F035)

Source of sample: Leaf litter

Locality: Mt. Lawu, Karanganyar Regency, Surakarta

Cultivation: PDA

***Penicillium bilaiae***InaCC Number: InaCC **F16**

History: LIPI (M.Ilyas, LIPIMC 0551) ← LIPI (M.Ilyas, FS BL 08.3)

Source of sample: Leaf litter

Locality: Mt. Bromo, Ngadisari, Pasuruan Regency

Cultivation: PDA

***Penicillium citrinum***InaCC Number: InaCC **F295**

History: LIPI (M. Ilyas, LIPI11-2-F088) ← NITE (I. Okane, 2-2-1-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Penicillium dangeardii***InaCC Number: InaCC **F790**

History: InaCC 790 ← LIPI (Muhammad Ilyas) &amp; Diponegoro University (Yuriza Eshananda) AL 3-4

Source of sample: Root of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Penicillium dangeardii***

InaCC Number: InaCC F794

History: InaCC 794 ← LIPI (Muhammad Ilyas) & Diponegoro University (Yuriza Eshananda) AL 5-4

Source of sample: Root of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Penicillium dangeardii***

InaCC Number: InaCC F812

History: InaCC 812 ← LIPI (Muhammad Ilyas) & Diponegoro University (Yuriza Eshananda) RL 1-1

Source of sample: Rhizome of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Penicillium griseofulvum***

InaCC Number: InaCC F14

History: LIPI (M.Ilyas, LIPIMC 0575) ← LIPI (M.Ilyas, ML 02.1)

Source of sample: *Magnolia condolii* (Blume) H. Keng rhizosphere

Locality: Bodogol National Park, Lido, Bogor Regency

Cultivation: PDA

***Penicillium herquei***

InaCC Number: InaCC F15

History: LIPI (M.Ilyas, LIPIMC 0546) ← LIPI (M.Ilyas, AF 7.2)

Source of sample: Air

Locality: RC for Biology Library, Cibinong, Bogor

Cultivation: PDA

***Penicillium marneffeii***

InaCC Number: InaCC F18

History: LIPI (M.Ilyas, LIPIMC 0577) ← LIPI (M.Ilyas, Pn. P)

Source of sample: Air

Locality: RC for Biology Library, Cibinong, Bogor

Cultivation: PDA

***Penicillium paxilli***

InaCC Number: InaCC F17

History: LIPI (M.Ilyas, LIPIMC 0544) ← LIPI (M.Ilyas, AF 4(A))

Source of sample: Air

Locality: RC for Biology Library, Cibinong, Bogor

Cultivation: PDA

***Penicillium sp.***

InaCC Number: InaCC F165

History: LIPI (M.Ilyas) ← LIPI (M.Ilyas, LL06-F040)

Source of sample: Leaf litter

Locality: Mt. Lawu, Karanganyar Regency, Surakarta

Cultivation: PDA

***Penicillium sp.***

InaCC Number: InaCC F164

History: LIPI (M.Ilyas) ← LIPI (M.Ilyas, LL06-F039)

Source of sample: Leaf litter

Locality: Mt. Lawu, Karanganyar Regency, Surakarta

Cultivation: PDA

***Penicillium sp.***

InaCC Number: InaCC F161

History: LIPI (M.Ilyas) ← LIPI (M.Ilyas, LL06-F038)

Source of sample: Leaf litter

Locality: Mt. Lawu, Karanganyar Regency, Surakarta

Cultivation: PDA

***Penicillium* sp.**InaCC Number: InaCC **F158**

History: LIPI (M. Ilyas) ← LIPI (M. Ilyas, LL06-F037)

Source of sample: Leaf litter

Locality: Mt. Lawu, Karanganyar Regency, Surakarta

Cultivation: PDA

***Periconia* sp.**InaCC Number: InaCC **F756**

History: LIPI (M. Ilyas, LIPI11-2-F208) ← LIPI (M. Ilyas, L02-D1 01)

Source of sample: Dead branch of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java, Indonesia

Cultivation: PDA, pH 7.0, 27°C

***Peroneutypa scoparia***InaCC Number: InaCC **F1083**

History: InaCC ← RC. Biology. LIPI (Indri, 3.1)

Source of sample: *Ipomoea aquatica* tissue

Locality: Cibinong Traditional Market

Cultivation: PDA

***Pestalotiopsis clavispora***InaCC Number: InaCC **F645**

History: LIPI (M. Ilyas, LIPI12-2-F260) ← IPB (G. Rahayu, B322)

Source of sample: Root of *Cinchona calisaya* Wedd.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: PDA, pH 7.0, 27°C

***Pezicula* sp.**InaCC Number: InaCC **F274**

History: LIPI (M. Ilyas, LIPI12-2-F047) ← NITE (I. Okane, 4-2-1-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phanerochaete chrysosporium***InaCC Number: InaCC **F206**

History: LIPI (M. Ilyas) ← LIPI (M. Ilyas, SR 008)

Source of sample: Soil

Locality: Cibinong Science Center, Cibinong

Cultivation: PDA

***Phomopsis helianthi***InaCC Number: InaCC **F287**

History: LIPI (M. Ilyas, LIPI11-2-F102) ← NITE (I. Okane, 2-2-7-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis helianthi***InaCC Number: InaCC **F303**

History: LIPI (M. Ilyas, LIPI11-2-F097) ← NITE (I. Okane, 2-2-5-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis helianthi***InaCC Number: InaCC **F365**

History: LIPI (M. Ilyas, LIPI12-2-F071) ← NITE (I. Okane, RC1-1-1-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis helianthi***InaCC Number: InaCC **F390**

History: LIPI (M. Ilyas, LIPI12-2-F095) ← NITE (I. Okane, RC1-1-9-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis helianthi***InaCC Number: InaCC **F400**

History: LIPI (M. Ilyas, LIPI12-2-F317) ← NITE (I. Okane, RC1-2-2-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis longicolla***InaCC Number: InaCC **F1051**

History: InaCC ← LIPI (Muhammad Ilyas, ML1CL-2)

Source of sample: Lamina of *Moringa oleifera* Lam.

Locality: Narmada Park, Lembuah Village, Narmada District, West Lombok Regency, Lombok

Cultivation: PDA

***Phomopsis longicolla***InaCC Number: InaCC **F1060**

History: InaCC ← LIPI (Muhammad Ilyas, ML2AP-1)

Source of sample: Petiole of *Moringa oleifera* Lam.

Locality: Tragtag Village, Lingsar District, West Lombok Regency, Lombok

Cultivation: PDA

***Phomopsis longicolla***InaCC Number: InaCC **F1061**

History: InaCC ← LIPI (Muhammad Ilyas, ML2BP-1)

Source of sample: Petiole of *Moringa oleifera* Lam.

Locality: Tragtag Village, Lingsar District, West Lombok Regency, Lombok

Cultivation: PDA

***Phomopsis phaseoli***InaCC Number: InaCC **F256**

History: LIPI (M. Ilyas, LIPI11-2-F027) ← NITE (I. Okane, 1-5-1-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis phaseoli***InaCC Number: InaCC **F276**

History: LIPI (M. Ilyas, LIPI11-2-F182) ← NITE (I. Okane, 5-1-5-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis phaseoli***InaCC Number: InaCC **F312**

History: LIPI (M. Ilyas, LIPI12-2-F058) ← NITE (I. Okane, 5-1-8-3)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis phaseoli***InaCC Number: InaCC **F322**

History: LIPI (M. Ilyas, LIPI11-2-F202) ← NITE (I. Okane, 5-2-7-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis phaseoli***InaCC Number: InaCC **F297**

History: LIPI (M. Ilyas, LIPI12-2-F004) ← NITE (I. Okane, 1-2-2-3)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis phaseoli***

InaCC Number: InaCC F384

History: LIPI (M. Ilyas, LIPI12-2-F101) ← NITE (I. Okane, RC1-3-1-1)

Source of sample: Stem of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis phaseoli***

InaCC Number: InaCC F389

History: LIPI (M. Ilyas, LIPI12-2-F312) ← NITE (I. Okane, RC1-1-10-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis phaseoli***

InaCC Number: InaCC F435

History: LIPI (M. Ilyas, LIPI12-2-F215) ← NITE (I. Okane, RC5-2-9-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis phaseoli***

InaCC Number: InaCC F460

History: LIPI (M. Ilyas, JSAT12-2-F383) ← NITE (I. Okane, RC3-2-10-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis phaseoli***

InaCC Number: InaCC F792

History: InaCC 792 ← LIPI (Muhammad Ilyas) &amp; Diponegoro University (Yuriza Eshananda) AL 5-2

Source of sample: Root of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis phaseoli***

InaCC Number: InaCC F1070

History: InaCC ← LIPI (Muhammad Ilyas, ML3AS-1)

Source of sample: Stem of *Moringa oleifera* Lam.

Locality: Selat Village, Lingsar District, West Lombok Regency, Lombok

Cultivation: MEA

***Phomopsis sp.***

InaCC Number: InaCC F208

History: LIPI (A. Agusta) ← LIPI (A. Agusta, GNBP 10)

Source of sample: *Uncaria gambir* Roxb. var. nasi stemLocality: *Uncaria gambir* Roxb. plantation, Harau Valley, Lima Puluh Kota Regency

Cultivation: PDA

***Phomopsis sp.***

InaCC Number: InaCC F255

History: LIPI (M. Ilyas, LIPI11-2-F066) ← NITE (I. Okane, 1-3-2-1)

Source of sample: Stem of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis sp.***

InaCC Number: InaCC F257

History: LIPI (M. Ilyas, LIPI11-2-F031) ← NITE (I. Okane, 1-1-7-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis sp.***

InaCC Number: InaCC F258

History: LIPI (M. Ilyas, LIPI11-2-F047) ← NITE (I. Okane, 1-2-3-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua,  
West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC **F260**

History: LIPI (M. Ilyas, LIPI11-2-F039)

← NITE (I. Okane, 1-1-10-1)

Source of sample: Leaf of *Cinchona pubescens*  
Vahl.

Locality: Cibodas Botanical Garden, Cisarua,  
West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC **F265**

History: LIPI (M. Ilyas, LIPI11-2-F160) ← NITE  
(I. Okane, 4-2-8-1)

Source of sample: Petiole of *Cinchona pubescens*  
Vahl.

Locality: Cibodas Botanical Garden, Cisarua,  
West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC **F268**

History: LIPI (M. Ilyas, LIPI11-2-F168) ← NITE  
(I. Okane, 4-3-2-3)

Source of sample: Stem of *Cinchona pubescens*  
Vahl.

Locality: Cibodas Botanical Garden, Cisarua,  
West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC **F269**

History: LIPI (M. Ilyas, LIPI11-2-F157) ← NITE  
(I. Okane, 4-2-4-1)

Source of sample: Petiole of *Cinchona pubescens*  
Vahl.

Locality: Cibodas Botanical Garden, Cisarua,  
West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC **F270**

History: LIPI (M. Ilyas, LIPI11-2-F196) ← NITE  
(I. Okane, 5-2-4-1)

Source of sample: Stem of *Cinchona pubescens*  
Vahl.

Locality: Cibodas Botanical Garden, Cisarua,  
West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC **F271**

History: LIPI (M. Ilyas, LIPI11-2-F169) ← NITE  
(I. Okane, 4-3-3-1)

Source of sample: Stem of *Cinchona pubescens*  
Vahl.

Locality: Cibodas Botanical Garden, Cisarua,  
West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC **F288**

History: LIPI (M. Ilyas, LIPI11-2-F082) ← NITE  
(I. Okane, 2-1-4-1)

Source of sample: Leaf of *Cinchona pubescens*  
Vahl.

Locality: Cibodas Botanical Garden, Cisarua,  
West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC **F290**

History: LIPI (M. Ilyas, LIPI11-2-F107) ← NITE  
(I. Okane, 2-3-3-1)

Source of sample: Stem of *Cinchona pubescens*  
Vahl.

Locality: Cibodas Botanical Garden, Cisarua,  
West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC **F291**

History: LIPI (M. Ilyas, LIPI11-2-F141) ← NITE  
(I. Okane, 3-3-1-1)

Source of sample: Stem of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC **F292**

History: LIPI (M. Ilyas, LIPI11-2-F089) ← NITE (I. Okane, 1-5-1-2)

Source of sample: Stem of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC **F294**

History: LIPI (M. Ilyas, LIPI11-2-F083) ← NITE (I. Okane, 2-1-5-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC **F296**

History: LIPI (M. Ilyas, LIPI11-2-F090) ← NITE (I. Okane, 2-2-2-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC **F299**

History: LIPI (M. Ilyas, LIPI11-2-F098) ← NITE (I. Okane, 2-2-5-3)

Source of sample: Bark of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC **F301**

History: LIPI (M. Ilyas, LIPI12-2-F010) ← NITE (I. Okane, 1-2-8-3)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC **F310**

History: LIPI (M. Ilyas, LIPI12-2-F0852) ← NITE (I. Okane, 4-3-1-3)

Source of sample: Stem of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC **F323**

History: LIPI (M. Ilyas, LIPI12-2-F045) ← NITE (I. Okane, 3-3-4-2)

Source of sample: Stem of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC **F324**

History: LIPI (M. Ilyas, LIPI12-2-F060) ← NITE (I. Okane, 5-1-8-5)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC **F326**

History: LIPI (M. Ilyas, LIPI12-2-F059) ← NITE (I. Okane, 5-1-8-4)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F327

History: LIPI (M. Ilyas, LIPI11-2-F197) ← NITE (I. Okane, 5-2-5-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F338

History: LIPI (M. Ilyas, LIPI12-2-F328) ← NITE (I. Okane, RC2-1-3-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F339

History: LIPI (M. Ilyas, LIPI12-2-F327) ← NITE (I. Okane, RC2-1-2-3)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F340

History: LIPI (M. Ilyas, LIPI12-2-F370) ← NITE (I. Okane, RC3-1-10-4)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F341

History: LIPI (M. Ilyas, LIPI12-2-F375) ← NITE (I. Okane, RC3-2-4-4)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F342

History: LIPI (M. Ilyas, LIPI12-2-F113) ← NITE (I. Okane, RC2-1-5-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F353

History: LIPI (M. Ilyas, LIPI12-2-F111) ← NITE (I. Okane, RC2-2-4-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F363

History: LIPI (M. Ilyas, LIPI12-2-F345) ← NITE (I. Okane RC2-2-4-3)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F366

History: LIPI (M. Ilyas, LIPI12-2-F080) ← NITE (I. Okane, RC1-1-4-3)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C



***Phomopsis* sp.**

InaCC Number: InaCC F367

History: LIPI (M. Ilyas, LIPI12-2-F309) ← NITE (I. Okane, RC1-1-8-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F371

History: LIPI (M. Ilyas, LIPI12-2-F102) ← NITE (I. Okane, RC1-3-2-1)

Source of sample: Stem of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F379

History: LIPI (M. Ilyas, LIPI12-2-F072) ← NITE (I. Okane, RC1-1-2-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F385

History: LIPI (M. Ilyas, LIPI12-2-F087) ← NITE (I. Okane, RC1-2-6-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F386

History: LIPI (M. Ilyas, LIPI12-2-F082) ← NITE (I. Okane, RC1-2-4-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F387

History: LIPI (M. Ilyas, LIPI12-2-F306) ← NITE (I. Okane, RC1-1-6-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F394

History: LIPI (M. Ilyas, LIPI12-2-F100) ← NITE (I. Okane, RC1-2-10-2)

Source of sample: Petiole of *Chincona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F396

History: LIPI (M. Ilyas, LIPI12-2-F090) ← NITE (I. Okane, RC1-2-7-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F398

History: LIPI (M. Ilyas, LIPI12-2-F322) ← NITE (I. Okane, RC1-2-6-3)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F399

History: LIPI (M. Ilyas, LIPI12-2-F093) ← NITE (I. Okane, RC1-2-8-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F409**

History: LIPI (M. Ilyas, LIPI12-2-F207) ← NITE (I. Okane, RC5-2-6-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F410**

History: LIPI (M. Ilyas, LIPI12-2-F418) ← NITE (I. Okane, RC4-2-8-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F411**

History: LIPI (M. Ilyas, LIPI12-2-F416) ← NITE (I. Okane, RC4-2-7-6)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F412**

History: LIPI (M. Ilyas, LIPI12-2-F397) ← NITE (I. Okane, RC4-1-7-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F413**

History: LIPI (M. Ilyas, LIPI12-2-F180) ← NITE (I. Okane, RC4-1-7-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F415**

History: LIPI (M. Ilyas, LIPI12-2-F172) ← NITE (I. Okane, RC4-1-5-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F416**

History: LIPI (M. Ilyas, LIPI12-2-F394) ← NITE (I. Okane, RC4-1-5-4)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F423**

History: LIPI (M. Ilyas, LIPI12-2-F159) ← NITE (I. Okane, RC4-2-1-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F426**

History: LIPI (M. Ilyas, LIPI12-2-F177) ← NITE (I. Okane, RC4-2-6-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F433**

History: LIPI (M. Ilyas, LIPI12-2-206) ← NITE (I. Okane, RC5-2-6-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F436

History: LIPI (M. Ilyas, LIPI12-2-434) ← NITE (I. Okane, RC5-2-3-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F437

History: LIPI (M. Ilyas, LIPI12-2-435) ← NITE (I. Okane, RC5-2-4-3)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F439

History: LIPI (M. Ilyas, LIPI12-2-214) ← NITE (I. Okane, RC5-1-9-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F440

History: LIPI (M. Ilyas, LIPI12-2-433) ← NITE (I. Okane, RC5-1-10-3)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F441

History: LIPI (M. Ilyas, LIPI12-2-441) ← NITE (I. Okane, RC5-2-9-5)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F442

History: LIPI (M. Ilyas, LIPI12-2-F153) ← NITE (I. Okane, RC3-2-9-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F444

History: LIPI (M. Ilyas, LIPI12-2-F132) ← NITE (I. Okane, RC3-1-3-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F459

History: LIPI (M. Ilyas, LIPI12-2-F136) ← NITE (I. Okane, RC3-2-4-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F461

History: LIPI (M. Ilyas, LIPI12-2-F155) ← NITE (I. Okane, RC3-1-10-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**

InaCC Number: InaCC F465

History: LIPI (M. Ilyas, LIPI12-2-F156) ← NITE (I. Okane, RC3-2-10-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F467**

History: LIPI (M. Ilyas, LIPI12-2-F149) ← NITE (I. Okane, RC3-2-8-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F475**

History: LIPI (M. Ilyas, LIPI12-2-F377) ← NITE (I. Okane, RC3-2-6-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F485**

History: LIPI (M. Ilyas, LIPI12-2-F161) ← NITE (I. Okane, RC4-1-2-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F486**

History: LIPI (M. Ilyas, LIPI12-2-F415) ← NITE (I. Okane, RC4-2-7-5)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F487**

History: LIPI (M. Ilyas, LIPI12-2-F178) ← NITE (I. Okane, RC4-2-6-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F490**

History: LIPI (M. Ilyas, LIPI12-2-F175) ← NITE (I. Okane, RC4-2-5-3)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F492**

History: LIPI (M. Ilyas, LIPI12-2-F186) ← NITE (I. Okane, RC4-1-9-1)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F493**

History: LIPI (M. Ilyas, LIPI12-2-F188) ← NITE (I. Okane, RC4-2-9-2)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F498**

History: LIPI (M. Ilyas, LIPI12-2-F192) ← NITE (I. Okane, RC4-2-10-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F500**

History: LIPI (M. Ilyas, LIPI12-2-F411) ← NITE (I. Okane, RC4-2-2-4)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F650**

History: LIPI (M. Ilyas, LIPI12-2-F274) ← IPB (G. Rahayu, C352)

Source of sample: Root of *Cinchona calisaya* Wedd.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: PDA, pH 7.0, 27°C

***Phomopsis* sp.**InaCC Number: InaCC **F791**

History: InaCC 791 ← LIPI (Muhammad Ilyas) &amp; Diponegoro University (Yuriza Eshananda) AL 5-1

Source of sample: Root of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Phomopsis* sp.**InaCC Number: InaCC **F811**

History: InaCC 811 ← LIPI (Muhammad Ilyas) &amp; Diponegoro University (Yuriza Eshananda) DL 7-2

Source of sample: Leaf of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Phomopsis* sp.**InaCC Number: InaCC **F1033**

History: InaCC ← RC. Biology. LIPI (Indri, G5)

Source of sample: Soursop leaf (*Annona muricata*)

Locality: Cibinong Science Center, West Java

Cultivation: PDA

***Phomopsis* sp.**InaCC Number: InaCC **F1062**

History: InaCC ← LIPI (Muhammad Ilyas, ML2BP-2)

Source of sample: Petiole of *Moringa oleifera* Lam.

Locality: Tragtag Village, Lingsar District, West Lombok Regency, Lombok

Cultivation: PDA

***Phomopsis* sp.**InaCC Number: InaCC **F1068**

History: InaCC ← LIPI (Muhammad Ilyas, ML3CP-1A)

Source of sample: Petiole of *Moringa oleifera* Lam.

Locality: Selat Village, Lingsar District, West Lombok Regency, Lombok

Cultivation: PDA

***Phomopsis tectonae***InaCC Number: InaCC **F1049**

History: InaCC ← LIPI (Muhammad Ilyas, ML1AL-2)

Source of sample: Lamina of *Moringa oleifera* Lam.

Locality: Narmada Park, Lembuah Village, Narmada District, West Lombok Regency, Lombok

Cultivation: PDA

***Phomopsis tectonae***InaCC Number: InaCC **F1063**

History: InaCC ← LIPI (Muhammad Ilyas, ML2AS-1)

Source of sample: Stem of *Moringa oleifera* Lam.

Locality: Tragtag Village, Lingsar District, West Lombok Regency, Lombok

Cultivation: PDA

***Phyllosticta capitalensis***InaCC Number: InaCC **F807**

History: InaCC 807 ← LIPI (Muhammad Ilyas) &amp; Diponegoro University (Yuriza Eshananda) DL 3-2

Source of sample: Leaf of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Phyllosticta capitalensis***InaCC Number: InaCC **F810**

History: InaCC 810 ← LIPI (Muhammad Ilyas) &amp; Diponegoro University (Yuriza Eshananda) DL 6-1

Source of sample: Leaf of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Phyllosticta capitalensis***InaCC Number: InaCC **F813**

History: InaCC 813 ← LIPI (Muhammad Ilyas) &amp; Diponegoro University (Yuriza Eshananda) RL 1-2

Source of sample: Rhizome of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Phyllosticta capitalensis***InaCC Number: InaCC **F814**

History: InaCC 814 ← LIPI (Muhammad Ilyas) &amp; Diponegoro University (Yuriza Eshananda) RL 2-1

Source of sample: Rhizome of *Alpinia galanga* (L.) Willd

Locality: Cibinong Science Center, Cibinong, West Java

Cultivation: PDA

***Phyllosticta capitalensis***InaCC Number: InaCC **F1039**

History: InaCC ← LIPI (Muhammad Ilyas, ML 2C-1)

Source of sample: Lamina of *Moringa oleifera* Lam.

Locality: Nursery &amp; research garden, Botany Division, RC for Biology-LIPI, Cibinong

Cultivation: PDA

***Phyllosticta elongata***InaCC Number: InaCC **F1042**

History: InaCC ← LIPI (Muhammad Ilyas, ML 3A-1)

Source of sample: Lamina of *Moringa oleifera* Lam.

Locality: Nursery &amp; research garden, Botany Division, RC for Biology-LIPI, Cibinong

Cultivation: PDA

***Phyllosticta vaccinii***InaCC Number: InaCC **F277**

History: LIPI (M. Ilyas, LIPI11-2-F139) ← NITE (I. Okane, 3-2-9-3)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Phytopythium* sp.**InaCC Number: InaCC **F575**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S07-ha01

Source of sample: Soil collected from ± 6 months old cassava (*Manihot utilissima*) plantation

Locality: Punthuk Setumbu Hills, Ngadiharjo Village, Magelang Regency, Central Java

Cultivation: PDA, pH 5.6, 25°C

***Phytopythium* sp.**InaCC Number: InaCC **F523**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S06-gl01

Source of sample: Soil collected from newly planted cassava (*Manihot utilissima*)

Locality: Punthuk Setumbu Hills, Ngadiharjo Village, Magelang Regency, Central Java

Cultivation: PDA, pH 5.6, 25°C

***Phytopythium* sp.**InaCC Number: InaCC **F521**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S02-gl02

Source of sample: Soil collected under snake skin fruit (*Salacca edulis*) tree

Locality: Candi Bangunkerto, Turi, Sleman Regency, Yogyakarta Special Region

Cultivation: PDA, pH 5.6, 25°C

***Phytophthium* sp.**

InaCC Number: InaCC F554

History: NBRC (S. Inaba) & LIPI (M. Ilyas), S20-ss02

Source of sample: Soil collected from sugarcane (*Saccharum officinarum*) plantation

Locality: Madukismo, Kasihan, Bantul Regency, Yogyakarta Special Region

Cultivation: PDA, pH 5.6, 25°C

***Phytophthium* sp.**

InaCC Number: InaCC F542

History: NBRC (S. Inaba) & LIPI (M. Ilyas), S01-ss01

Source of sample: Soil collected under snake skin fruit (*Salacca edulis*) tree

Locality: Candi Bangunkerto, Turi, Sleman Regency, Yogyakarta Special Region

Cultivation: PDA, pH 5.6, 25°C

***Phytophthium* sp.**

InaCC Number: InaCC F543

History: NBRC (S. Inaba) & LIPI (M. Ilyas), S03-ss01

Source of sample: Soil collected under snake skin fruit (*Salacca edulis*) tree

Locality: Candi Bangunkerto, Turi, Sleman Regency, Yogyakarta Special Region

Cultivation: PDA, pH 5.6, 25°C

***Phytophthium* sp.**

InaCC Number: InaCC F550

History: NBRC (S. Inaba) & LIPI (M. Ilyas), S14-ss03

Source of sample: Soil collected from tobacco (*Nicotiana tabacum*) plantation

Locality: Ketep Pass highland, Sawangan, Magelang Regency, Central Java

Cultivation: PDA, pH 5.6, 25°C

***Phytophthium* sp.**

InaCC Number: InaCC F576

History: NBRC (S. Inaba) & LIPI (M. Ilyas), S10-ha01

Source of sample: Soil collected from sugarcane (*Saccharum officinarum*) plantation

Locality: Borobudur Village, Magelang Regency, Central Java

Cultivation: PDA, pH 5.6, 25°C

***Phytophthium* sp.**

InaCC Number: InaCC F555

History: NBRC (S. Inaba) & LIPI (M. Ilyas), S20-ss03

Source of sample: Soil collected from sugarcane (*Saccharum officinarum*) plantation

Locality: Madukismo, Kasihan, Bantul Regency, Yogyakarta Special Region

Cultivation: PDA, pH 5.6, 25°C

***Pisolithus* sp.**

InaCC Number: InaCC F772

History: LIPI (M. Sudiana, LIPI12-3-EMF003) ← U. Tokyo (K. Nara, 15-2 003.)

Other CC: NBRC112062

Source of sample: Pine seedlings

Locality: Takengon, Aceh

Cultivation: Modified Melin-Norkrans (MMN) Medium, pH 5.8, 20°C

***Pisolithus* sp.**

InaCC Number: InaCC F771

History: LIPI (I. M. Sudiana, LIPI12-3-EMF002) ← U. Tokyo (K. Nara, NS25 004.)

Other CC: NBRC112061

Source of sample: Pine seedlings

Locality: Takengon, Aceh

Cultivation: Modified Melin-Norkrans (MMN) Medium, pH 5.8, 20°C

***Plectospora myriandra***

InaCC Number: InaCC F529

History: NBRC (S. Inaba) & LIPI (M. Ilyas), S11-gl02

Other CC: NBRC 112085

Source of sample: Soil collected from post harvest sugarcane (*Saccharum officinarum*) plantation

Locality: Borobudur Village, Magelang Regency, Central Java

Cultivation: PDA, pH 5.6, 25°C

***Plectospora myriandra***

InaCC Number: InaCC F528

History: NBRC (S. Inaba) & LIPI (M. Ilyas), S11-gl01

Source of sample: Soil collected from post harvest sugarcane (*Saccharum officinarum*) plantation

Locality: Borobudur Village, Magelang Regency, Central Java

Cultivation: PDA, pH 5.6, 25°C

***Plectospora sp.***

InaCC Number: InaCC F531

History: NBRC (S. Inaba) & LIPI (M. Ilyas), S13-gl02

Source of sample: Soil collected from tobacco (*Nicotiana tabacum*) plantation

Locality: Ketep Pass highland, Sawangan, Magelang Regency, Central Java

Cultivation: PDA, pH 5.6, 25°C

***Pleosporaceae***

InaCC Number: InaCC F293

History: LIPI (M. Ilyas, LIPI11-2-F103) ← NITE (I. Okane, 2-2-8-1)

Source of sample: Stem of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Pleurotus cystidiosus***

InaCC Number: InaCC F100

History: LIPI (E. Sumiati, LIPIMC 0664)

Source of sample: BALITSA

Locality: BTP Bedali-Lawang, Malang

Cultivation: PDA

***Pleurotus cystidiosus***

InaCC Number: InaCC F122

History: LIPI (E. Sumiati, LIPIMC 0587)

Source of sample: BALITSA

Locality: Alam Mushroom, Ciwidey/Canada

Cultivation: PDA

***Pleurotus cystidiosus***

InaCC Number: InaCC F221

History: LIPI (E. Sumiati, LIPIMC 0663)

Source of sample: BALITSA

Locality: Endang Murdiati, Malang

Cultivation: PDA

***Pleurotus cystidiosus***

InaCC Number: InaCC F112

History: LIPI (E. Sumiati, LIPIMC 0662)

Source of sample: BALITSA

Locality: Sukardi, Cikole-Lembang

Cultivation: PDA

***Pleurotus cystidiosus***

InaCC Number: InaCC F199

History: LIPI (E. Sumiati, LIPIMC 0612)

Source of sample: BALITSA

Locality: Sri Mulia Astuti, Lembang-Bandung

Cultivation: PDA

***Pleurotus cystidiosus***

InaCC Number: InaCC F201

History: LIPI (E. Sumiati, LIPIMC 0590)

Source of sample: BALITSA

Locality: Tatang/P3GP, Cianjur

Cultivation: PDA

***Pleurotus cystidiosus***

InaCC Number: InaCC F119

History: LIPI (E. Sumiati, LIPIMC 0611)

Source of sample: BALITSA

Locality: Citra Lestari/Juhiya, Cisarua-Bandung

Cultivation: PDA



***Pleurotus eryngii***

InaCC Number: InaCC **F220**  
 History: LIPI (E. Sumiati, LIPIMC 0635)  
 Source of sample: BALITSA  
 Locality: Zairin Thomy, Bandung  
 Cultivation: PDA

***Pleurotus eryngii***

InaCC Number: InaCC **F141**  
 History: LIPI (E. Sumiati, LIPIMC 0681)  
 Source of sample: BALITSA  
 Locality: APR, Netherland  
 Cultivation: PDA

***Pleurotus giganteus***

InaCC Number: InaCC **F1077**  
 History: InaCC ← RC. Biology. LIPI (Indri, CKMS032)  
 Source of sample: Soil  
 Locality: Mt. Halimun-Salak National Park (GHSNP), Sukabumi, West Java  
 Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F77**  
 History: LIPI (E. Sumiati, LIPIMC 0581)  
 Source of sample: BALITSA  
 Locality: Forestry Research & Development/ Enjah-Bogor  
 Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F109**  
 History: LIPI (E. Sumiati, LIPIMC 0618)  
 Source of sample: BALITSA  
 Locality: Endra, Ciwidey-Bandung  
 Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F104**  
 History: LIPI (E. Sumiati, LIPIMC 0674)  
 Source of sample: BALITSA  
 Locality: Univ. Muhamadiyah/FMIPA, Malang  
 Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F131**  
 History: LIPI (E. Sumiati, LIPIMC 0686)  
 Source of sample: BALITSA  
 Locality: APR, Netherland/Amycel 3000.  
 Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F97**  
 History: LIPI (E. Sumiati, LIPIMC 0582)  
 Source of sample: BALITSA  
 Locality: Ajang Taryana, Cisarua-Bandung  
 Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F107**  
 History: LIPI (E. Sumiati, LIPIMC 0687)  
 Source of sample: BALITSA  
 Locality: APR, Netherland  
 Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F105**  
 History: LIPI (E. Sumiati, LIPIMC 0649)  
 Source of sample: BALITSA  
 Locality: Bugel/Yanti Suharyanti  
 Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F139**  
 History: LIPI (E. Sumiati, LIPIMC 0682)  
 Source of sample: BALITSA  
 Locality: APR, Netherland Comm./32-GH.  
 Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F132**  
 History: LIPI (E. Sumiati, LIPIMC 0627)  
 Source of sample: BALITSA  
 Locality: Mikrobiologi LIPI, Bogor  
 Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F123**  
History: LIPI (E. Sumiati, LIPIMC 0661)  
Source of sample: BALITSA  
Locality: Enjah, Bogor  
Cultivation: PDA, pH

***Pleurotus ostreatus***

InaCC Number: InaCC **F125**  
History: LIPI (E. Sumiati, LIPIMC 0609)  
Source of sample: BALITSA  
Locality: Bio Mushroom/Jafar, Cisarua-Bandung  
Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F111**  
History: LIPI (E. Sumiati, LIPIMC 0644)  
Source of sample: BALITSA  
Locality: Eden, Cisarua-Bandung  
Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F127**  
History: LIPI (E. Sumiati, LIPIMC 0631)  
Source of sample: BALITSA  
Locality: Cucu, P4S Nusaindah, Bogor  
Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F128**  
History: LIPI (E. Sumiati, LIPIMC 0668)  
Source of sample: BALITSA  
Locality: Sukardi, Cikole-Lembang  
Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F118**  
History: LIPI (E. Sumiati, LIPIMC 0583)  
Source of sample: BALITSA  
Locality: Forestry Research & Development/  
Enjah-Bogor  
Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F130**  
History: LIPI (E. Sumiati, LIPIMC 0650)  
Source of sample: BALITSA  
Locality: FMIPA-Mikrobiologi IPB, Bogor  
Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F222**  
History: LIPI (E. Sumiati, LIPIMC 0659)  
Source of sample: BALITSA  
Locality: LIPI/Enjah, Bogor  
Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F218**  
History: LIPI (E. Sumiati, LIPIMC 0667)  
Source of sample: BALITSA  
Locality: PAU I. Hayati ITB, Bandung  
Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F216**  
History: LIPI (E. Sumiati, LIPIMC 0636)  
Source of sample: BALITSA  
Locality: Zairin Thomy, Bandung  
Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F196**  
History: LIPI (E. Sumiati, LIPIMC 0640)  
Source of sample: BALITSA  
Locality: Alam Mushroom, Ciwidey-Bandung  
Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F114**  
History: LIPI (E. Sumiati, LIPIMC 0580)  
Source of sample: BALITSA  
Locality: Forestry Research & Development/  
Enjah-Bogor  
Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F117**  
 History: LIPI (E. Sumiati, LIPIMC 0633)  
 Source of sample: BALITSA  
 Locality: Bionic Farm, Cimacan-Cianjur  
 Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F209**  
 History: LIPI (E. Sumiati, LIPIMC 0698)  
 Source of sample: BALITSA  
 Locality: APR (Applied Plant Research, Netherland)  
 Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F207**  
 History: LIPI (E. Sumiati, LIPIMC 0641)  
 Source of sample: BALITSA  
 Locality: Atamimi/Lokal Ciwidey-Adapted  
 Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F205**  
 History: LIPI (E. Sumiati, LIPIMC 0657)  
 Source of sample: BALITSA  
 Locality: Toyo Sutoyo, Temanggung  
 Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F204**  
 History: LIPI (E. Sumiati, LIPIMC 0585)  
 Source of sample: BALITSA  
 Locality: Zairin Thomy, Bandung/China  
 Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F203**  
 History: LIPI (E. Sumiati, LIPIMC 0626)  
 Source of sample: BALITSA  
 Locality: Mikrobiologi LIPI, Bogor  
 Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F136**  
 History: LIPI (E. Sumiati, LIPIMC 0630)  
 Source of sample: BALITSA  
 Locality: Badri, P4S Kaliurang, Tugu Bogor  
 Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F110**  
 History: LIPI (E. Sumiati, LIPIMC 0654)  
 Source of sample: BALITSA  
 Locality: Iwaru, Cimande/APR-BALITSA, Adapted  
 Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F197**  
 History: LIPI (E. Sumiati, LIPIMC 0588)  
 Source of sample: BALITSA  
 Locality: Nunu-Hendro S. Sukabumi/San Ban-China  
 Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F217**  
 History: LIPI (E. Sumiati, LIPIMC 0632)  
 Source of sample: BALITSA  
 Locality: SaYeath, P4S Nusaindah, Bogor  
 Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F788**  
 History: InaCC F788 ← LIPI (M. Ilyas, LIPIMC 0653) ← BALITSA (E. Sumiati, EMI 15026)  
 Source of sample: Open deposition from Vegetable Crops Research Institute (BALITSA)  
 Locality: Albamas/Denpasar/China  
 Cultivation: PDA

***Pleurotus ostreatus***

InaCC Number: InaCC **F789**  
 History: InaCC F789 ← LIPI (M. Ilyas, LIPIMC 0666) ← BALITSA (E. Sumiati, EMI 15032)

Source of sample: Open deposition from Vegetable Crops Research Institute (BALITSA)  
 Locality: BTP Bedali-Lawang, Malang  
 Cultivation: PDA

***Pleurotus sajor-caju***

InaCC Number: InaCC **F133**  
 History: LIPI (E. Sumiati, LIPIMC 0651)  
 Source of sample: BALITSA  
 Locality: Saiful, Jln. Cagak-Subang  
 Cultivation: PDA

***Pleurotus sajor-caju***

InaCC Number: InaCC **F198**  
 History: LIPI (E. Sumiati, LIPIMC 0616)  
 Source of sample: BALITSA  
 Locality: Irochim, Temanggung  
 Cultivation: PDA

***Pleurotus sajor-caju***

InaCC Number: InaCC **F213**  
 History: LIPI (E. Sumiati, LIPIMC 0689)  
 Source of sample: BALITSA  
 Locality: APR, Netherland/Sylvan Co., USA  
 Cultivation: PDA

***Pleurotus sajor-caju***

InaCC Number: InaCC **F215**  
 History: LIPI (E. Sumiati, LIPIMC 0692)  
 Source of sample: BALITSA  
 Locality: APR, Netherland  
 Cultivation: PDA

***Pleurotus sajor-caju***

InaCC Number: InaCC **F214**  
 History: LIPI (E. Sumiati, LIPIMC 0624)  
 Source of sample: BALITSA  
 Locality: Mikologi FMIPA, IPB Bogor  
 Cultivation: PDA

***Pleurotus sapidus***

InaCC Number: InaCC **F202**  
 History: LIPI (E. Sumiati, LIPIMC 0620)

Source of sample: BALITSA  
 Locality: Endra, Ciwidey-Bandung  
 Cultivation: PDA

***Pleurotus sapidus***

InaCC Number: InaCC **F121**  
 History: LIPI (E. Sumiati, LIPIMC 0684)  
 Source of sample: BALITSA  
 Locality: Slovenia, Commercial/ G 24/APR  
 Cultivation: PDA

***Pleurotus sp.***

InaCC Number: InaCC **F140**  
 History: LIPI (E. Sumiati, LIPIMC 0695)  
 Source of sample: BALITSA  
 Locality: APR, Netherland-Wild/ RS 001.  
 Cultivation: PDA

***Pseudocercospora sp.***

InaCC Number: InaCC **F446**  
 History: LIPI (M. Ilyas, LIPI12-2-F429) ← NITE (I. Okane, RC5-1-8-1)  
 Source of sample: Leaf of *Cinchona pubescens* Vahl.  
 Locality: RITC, Gambung, Ciwidey, West Java  
 Cultivation: MEA, pH 7.0, 27°C

***Purpureocillium lilacinum***

InaCC Number: InaCC **F652**  
 History: LIPI (M. Ilyas, LIPI12-2-F277) ← IPB (G. Rahayu, D121)  
 Source of sample: Root of *Cinchona calisaya* Wedd.  
 Locality: RITC, Gambung, Ciwidey, West Java  
 Cultivation: PDA, pH 7.0, 27°C

***Purpureocillium lilacinum***

InaCC Number: InaCC **F646**  
 History: LIPI (M. Ilyas, LIPI12-2-F263) ← IPB (G. Rahayu, C141)  
 Source of sample: Root of *Cinchona calisaya* Wedd.  
 Locality: RITC, Gambung, Ciwidey, West Java  
 Cultivation: PDA, pH 7.0, 27°C

***Pycnoporus cinnabarinus***

InaCC Number: InaCC F779

History: InaCC 779 ← LIPI (M Ilyas &amp; A. Agusta, E-14 (1))

Source of sample: Direct isolation from fruiting body of *P. cinnabarinus*

Locality: Enggano Island, North Bengkulu Regency, Bengkulu

Cultivation: PDA, 25°C

***Pycnoporus cinnabarinus***

InaCC Number: InaCC F780

History: InaCC 780 ← LIPI (M Ilyas &amp; A. Agusta, E-14 (8))

Source of sample: Decaying wood

Locality: Enggano Island, North Bengkulu Regency, Bengkulu

Cultivation: PDA, 25°C

***Pyricularia urashimae***

InaCC Number: InaCC F1079

History: InaCC 1079 ← RC. Biology. LIPI (Indri, 3.2)

Source of sample: *Ipomoea aquatica* tissue

Locality: Cibinong Traditional Market

Cultivation: PDA

***Pythiogeton* sp.**

InaCC Number: InaCC F604

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), BS23-gl02

Source of sample: Soil (mud) collected from ± 1 month old paddy (*Oryza sativa* L.) field

Locality: Paddy field near Baturiti Market, Baturiti District, Tabanan Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium acanthophoron***

InaCC Number: InaCC F582

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), BS13-ss01

Source of sample: Soil collected in citrus plantation with cabbage intercropping (citrus = *Citrus sinensis* Osbeck, cabbage = *Brassica oleracea* L.)

Locality: Bayung Gede Village, Kintamani District, Bangli Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium acanthophoron***

InaCC Number: InaCC F533

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S15-gl01

Source of sample: Soil collected from chili pepper (*Capsicum frutescens*) plantation

Locality: Ketep Pass highland, Sawangan, Magelang Regency, Central Java

Cultivation: PDA, pH 5.6, 25°C

***Pythium adhaerens***

InaCC Number: InaCC F567

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S17-pp03

Source of sample: Soil/mud collected from ± 2 months old paddy (*Oryza sativa* L.) field

Locality: Paddy field near Kali Putih Riverbank, Sawangan, Magelang Regency, Central Java

Cultivation: PDA, pH 5.6, 25°C

***Pythium apH.dermatum***

InaCC Number: InaCC F541

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S25-gl01

Source of sample: Soil collected from cauliflower (*Brassica oleracea* var. *botrytis*) plantation

Locality: Imogiri, Bantul Regency, Yogyakarta Special Region

Cultivation: PDA, pH 5.6, 25°C

***Pythium apH.dermatum***

InaCC Number: InaCC F581

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), BS07-ss01

Source of sample: Soil collected under sunflower (*Helianthus annuus* L.) plant

Locality: Junggu Village, North Kuta District, Badung Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium carolinianum***InaCC Number: InaCC **F592**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), BS05-cs01

Source of sample: Soil (mud) collected from almost harvest paddy (*Oryza sativa* L.) field

Locality: Junggu Village, North Kuta District, Badung Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium carolinianum***InaCC Number: InaCC **F569**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S20-pp01

Source of sample: Soil collected from sugarcane (*Saccharum officinarum*) plantation

Locality: Madukismo, Kasihan, Bantul Regency, Yogyakarta Special Region

Cultivation: PDA, pH 5.6, 25°C

***Pythium carolinianum***InaCC Number: InaCC **F589**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), BS01-cs01

Source of sample: Soil collected from dried paddy (*Oryza sativa* L.) field (postharvest)

Locality: Beraban, Banjar Batugain Village, Kediri District, Tabanan Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium catenulatum***InaCC Number: InaCC **F566**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S17-pp01

Source of sample: Soil/mud collected from ± 2 months old paddy (*Oryza sativa* L.) field

Locality: Paddy field near Kali Putih Riverbank, Sawangan, Magelang Regency, Central Java

Cultivation: PDA, pH 5.6, 25°C

***Pythium catenulatum***InaCC Number: InaCC **F587**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), BS23-ss01

Source of sample: Soil (mud) collected from ± 1 month old paddy (*Oryza sativa* L.) field

Locality: Paddy field near Baturiti Market, Baturiti District, Tabanan Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium catenulatum***InaCC Number: InaCC **F607**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), BS02-pp01

Source of sample: Soil collected from dried paddy (*Oryza sativa* L.) field (postharvest)

Locality: Beraban, Banjar Batugain Village, Kediri District, Tabanan Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium catenulatum***InaCC Number: InaCC **F614**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), BS09-pp02

Source of sample: Soil (mud) collected from ± 2 months old paddy (*Oryza sativa* L.)

Locality: Sebatu Village, Tegallalang District, Gianyar Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium catenulatum***InaCC Number: InaCC **F585**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), BS18-ss01

Source of sample: Soil collected from carrot (*Daucus carota* L.) plantation

Locality: Candikuning Village, Baturiti District, Tabanan Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium catenulatum***InaCC Number: InaCC **F570**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S21-pp01

Source of sample: Soil collected from post harvest sugarcane (*Saccharum officinarum*) plantation

Locality: Madukismo, Kasihan, Bantul Regency, Yogyakarta Special Region

Cultivation: PDA, pH 5.6, 25°C

***Pythium catenulatum***

InaCC Number: InaCC F547

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S08-ss01

Source of sample: Soil/mud collected from  $\pm$  1.5 months old of paddy (*Oryza sativa* L.) field

Locality: Borobudur Village, Magelang Regency, Central Java

Cultivation: PDA, pH 5.6, 25°C

***Pythium deliense***

InaCC Number: InaCC F538

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S21-gl01

Source of sample: Soil collected from post harvest sugarcane (*Saccharum officinarum*) plantation

Locality: Madukismo, Kasihan, Bantul Regency, Yogyakarta Special Region

Cultivation: PDA, pH 5.6, 25°C

***Pythium deliense***

InaCC Number: InaCC F593

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), BS10-cs01

Source of sample: Soil collected under coffee (*Coffea arabica* L.) plant

Locality: Pujungkelod Village, Tegallalang District, Gianyar Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium deliense***

InaCC Number: InaCC F578

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), BS03-ss01

Source of sample: Soil collected from soybean plantation (soybean = *Glycine max* (L.) Merr.)

Locality: Beraban, Banjar Batugain Village, Kediri District, Tabanan Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium deliense***

InaCC Number: InaCC F599

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), BS07-gl01

Source of sample: Soil collected under sunflower plant (sunflower = *Helianthus annuus* L.)

Locality: Junggu Village, North Kuta District, Badung Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium deliense***

InaCC Number: InaCC F601

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), BS13-gl01

Source of sample: Soil collected in citrus plantation with cabbage intercropping (citrus = *Citrus sinensis* Osbeck, cabbage = *Brassica oleracea* L.)

Locality: Bayung Gede Village, Kintamani District, Bangli Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium dissotocum***

InaCC Number: InaCC F595

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), BS21-cs01

Source of sample: Soil collected from lettuce plantation (lettuce = *Lactuca sativa* L.)

Locality: Candikuning Village, Baturiti District, Tabanan Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium dissotocum***

InaCC Number: InaCC F612

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), BS08-pp02

Source of sample: Soil (mud) collected from  $\pm$  2 months old paddy (*Oryza sativa* L.) field

Locality: Sabtu Village, Tegallalang District, Gianyar Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium inflatum***

InaCC Number: InaCC F608

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), BS03-pp02

Source of sample: Soil collected from soybean plantation (soybean = *Glycine max* (L.) Merr.)

Locality: Beraban, Banjar Batugain Village,  
Kediri District, Tabanan Regency, Bali  
Cultivation: PDA, pH 5.6, 25°C

***Pythium inflatum***

InaCC Number: InaCC F525  
History: NBRC (S. Inaba) & LIPI (M. Ilyas),  
S08-gl01  
Source of sample: Soil/mud collected from  $\pm$  1.5  
months old of paddy (*Oryza sativa* L.) field  
Locality: Borobudur Village, Magelang Regency,  
Central Java  
Cultivation: PDA, pH 5.6, 25°C

***Pythium myriotylum***

InaCC Number: InaCC F553  
History: NBRC (S. Inaba) & LIPI (M. Ilyas),  
S19-ss01  
Source of sample: Soil collected from sugarcane  
(*Saccharum officinarum*) plantation  
Locality: Madukismo, Kasihan, Bantul Regency,  
Yogyakarta Special Region  
Cultivation: PDA, pH 5.6, 25°C

***Pythium periplocum***

InaCC Number: InaCC F537  
History: NBRC (S. Inaba) & LIPI (M. Ilyas),  
S19-gl01  
Source of sample: Soil collected from sugarcane  
(*Saccharum officinarum*) plantation  
Locality: Madukismo, Kasihan, Bantul Regency,  
Yogyakarta Special Region  
Cultivation: PDA, pH 5.6, 25°C

***Pythium plurisporium***

InaCC Number: InaCC F605  
History: NBRC (S. Inaba) & LIPI (M. Ilyas),  
BS24-gl01  
Source of sample: Soil (mud) collected from  $\pm$  1  
month old paddy (*Oryza sativa* L.) field  
Locality: Paddy field near Baturiti Market,  
Baturiti District, Tabanan Regency, Bali  
Cultivation: PDA, pH 5.6, 25°C

***Pythium sp.***

InaCC Number: InaCC F613  
History: NBRC (S. Inaba) & LIPI (M. Ilyas),  
BS08-pp03  
Source of sample: Soil (mud) collected from  $\pm$  2  
months old paddy (*Oryza sativa* L.) field  
Locality: Sebatu Village, Tegallalang District,  
Gianyar Regency, Bali  
Cultivation: PDA, pH 5.6, 25°C

***Pythium sp.***

InaCC Number: InaCC F597  
History: NBRC (S. Inaba) & LIPI (M. Ilyas),  
BS05-gl01  
Source of sample: Soil (mud) collected from  
almost harvest paddy (*Oryza sativa* L.) field  
Locality: Junggu Village, North Kuta District,  
Badung Regency, Bali  
Cultivation: PDA, pH 5.6, 25°C

***Pythium sp.***

InaCC Number: InaCC F619  
History: NBRC (S. Inaba) & LIPI (M. Ilyas),  
BS24-pp01  
Source of sample: Soil (mud) collected from  $\pm$  1  
month old paddy (*Oryza sativa* L.) field  
Locality: Paddy field near Baturiti Market,  
Baturiti District, Tabanan Regency, Bali  
Cultivation: PDA, pH 5.6, 25°C

***Pythium sp.***

InaCC Number: InaCC F598  
History: NBRC (S. Inaba) & LIPI (M. Ilyas),  
BS06-gl01  
Source of sample: Soil (mud) collected from  
almost harvest paddy (*Oryza sativa* L.) field  
Locality: Junggu Village, North Kuta District,  
Badung Regency, Bali  
Cultivation: PDA, pH 5.6, 25°C

***Pythium sp.***

InaCC Number: InaCC F618  
History: NBRC (S. Inaba) & LIPI (M. Ilyas),  
BS21-pp01



Source of sample: Soil collected from lettuce (*Lactuca sativa* L.) plantation

Locality: Candikuning Village, Baturiti District, Tabanan Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**

InaCC Number: InaCC **F580**

History: NBRC (S. Inaba) & LIPI (M. Ilyas), BS06-ss02

Other CC: NBRC 112089

Source of sample: Soil (mud) collected from almost harvest paddy (*Oryza sativa* L.) field

Locality: Junggu Village, North Kuta District, Badung Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**

InaCC Number: InaCC **F586**

History: NBRC (S. Inaba) & LIPI (M. Ilyas), BS21-ss01

Source of sample: Soil collected from lettuce (*Lactuca sativa* L.) plantation

Locality: Candikuning Village, Baturiti District, Tabanan Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**

InaCC Number: InaCC **F583**

History: NBRC (S. Inaba) & LIPI (M. Ilyas), BS14-ss01

Source of sample: Soil collected in citrus plantation with yam intercropping (citrus = *Citrus sinensis* Osbeck, yam/sweet potato = *Ipomoea batatas* L.)

Locality: Bayung Gede Village, Kintamani District, Bangli Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**

InaCC Number: InaCC **F611**

History: NBRC (S. Inaba) & LIPI (M. Ilyas), BS08-pp01

Source of sample: Soil (mud) collected from ± 2 months old paddy (*Oryza sativa* L.) field

Locality: Sebatu Village, Tegallalang District, Gianyar Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**

InaCC Number: InaCC **F610**

History: NBRC (S. Inaba) & LIPI (M. Ilyas), BS07-pp01

Source of sample: Soil collected under sunflower (*Helianthus annuus* L.) plant

Locality: Junggu Village, North Kuta District, Badung Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**

InaCC Number: InaCC **F600**

History: NBRC (S. Inaba) & LIPI (M. Ilyas), BS12-gl01

Other CC: NBRC 112092

Source of sample: Soil collected under cocoa (*Theobroma cacao* L.) plant

Locality: Pujungkelod Village, Tegallalang District, Gianyar Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**

InaCC Number: InaCC **F603**

History: NBRC (S. Inaba) & LIPI (M. Ilyas), BS21-gl01

Source of sample: Soil collected from lettuce (*Lactuca sativa* L.) plantation

Locality: Candikuning Village, Baturiti District, Tabanan Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**

InaCC Number: InaCC **F617**

History: NBRC (S. Inaba) & LIPI (M. Ilyas), BS18-pp01

Source of sample: Soil collected from carrot (*Daucus carota* L.) plantation

Locality: Candikuning Village, Baturiti District, Tabanan Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**InaCC Number: InaCC **F564**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S14-pp01

Source of sample: Soil collected from tobacco (*Nicotiana tabacum*) plantation

Locality: Ketep Pass highland, Sawangan, Magelang Regency, Central Java

Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**InaCC Number: InaCC **F540**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S23-gl01

Source of sample: Soil/mud collected from ± 2 months old paddy (*Oryza sativa* L.) field

Locality: Imogiri, Bantul Regency, Yogyakarta Special Region

Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**InaCC Number: InaCC **F548**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S09-ss01

Source of sample: Soil/mud collected from ± 1.5 months old of paddy (*Oryza sativa* L.) field

Locality: Borobudur Village, Magelang Regency, Central Java

Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**InaCC Number: InaCC **F535**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S17-gl01

Source of sample: Soil/mud collected from ± 2 months old paddy (*Oryza sativa* L.) field

Locality: Paddy field near Kali Putih Riverbank, Sawangan, Magelang Regency, Central Java

Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**InaCC Number: InaCC **F551**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S17-ss01

Other CC: NBRC 112087

Source of sample: Soil/mud collected from ± 2 months old paddy (*Oryza sativa* L.) field

Locality: Paddy field near Kali Putih Riverbank, Sawangan, Magelang Regency, Central Java

Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**InaCC Number: InaCC **F556**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S25-ss01

Source of sample: Soil collected from cauliflower (*Brassica oleracea* var. *botrytis*) plantation

Locality: Imogiri, Bantul Regency, Yogyakarta Special Region

Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**InaCC Number: InaCC **F534**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S16-gl01

Source of sample: Soil collected from chili pepper (*Capsicum frutescens*) plantation

Locality: Ketep Pass highland, Sawangan, Magelang Regency, Central Java

Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**InaCC Number: InaCC **F530**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S12-gl01

Source of sample: Soil/mud collected from ditch near sugarcane (*Saccharum officinarum*) plantation

Locality: Borobudur Village, Magelang Regency, Central Java

Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**InaCC Number: InaCC **F536**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S18-gl01

Source of sample: Soil/mud collected from almost harvest (± 4 months old) paddy (*Oryza sativa* L.) field

Locality: Paddy field near Kali Putih Riverbank, Sawangan, Magelang Regency, Central Java  
Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**

InaCC Number: InaCC F562  
History: NBRC (S. Inaba) & LIPI (M. Ilyas), S12-pp02  
Source of sample: Soil/mud collected from ditch near sugarcane (*Saccharum officinarum*) plantation  
Locality: Borobudur Village, Magelang Regency, Central Java  
Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**

InaCC Number: InaCC F565  
History: NBRC (S. Inaba) & LIPI (M. Ilyas), S14-pp02  
Source of sample: Soil collected from tobacco (*Nicotiana tabacum*) plantation  
Locality: Ketep Pass highland, Sawangan, Magelang Regency, Central Java  
Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**

InaCC Number: InaCC F527  
History: NBRC (S. Inaba) & LIPI (M. Ilyas), S03-pp02  
Source of sample: Soil collected under snake skin fruit (*Salacca edulis*) tree  
Locality: Candi Bangunkerto, Turi, Sleman Regency, Yogyakarta Special Region  
Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**

InaCC Number: InaCC F572  
History: NBRC (S. Inaba) & LIPI (M. Ilyas), S23-pp02  
Source of sample: Soil/mud collected from ± 2 months old paddy (*Oryza sativa* L.) field  
Locality: Imogiri, Bantul Regency, Yogyakarta Special Region  
Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**

InaCC Number: InaCC F522  
History: NBRC (S. Inaba) & LIPI (M. Ilyas), S05-gl01  
Source of sample: Soil/mud collected from ditch near ± 1 month age of paddy (*Oryza sativa* L.) field  
Locality: Harjobinangun, Pakem, Sleman Regency, Yogyakarta Special Region  
Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**

InaCC Number: InaCC F558  
History: NBRC (S. Inaba) & LIPI (M. Ilyas), S02-pp02  
Source of sample: Soil collected under snake skin fruit (*Salacca edulis*) tree  
Locality: Candi Bangunkerto, Turi, Sleman Regency, Yogyakarta Special Region  
Cultivation: PDA, pH 5.6, 25°C

***Pythium* sp.**

InaCC Number: InaCC F524  
History: NBRC (S. Inaba) & LIPI (M. Ilyas), S07-gl01  
Source of sample: Soil collected from ± 6 months old cassava (*Manihot utilissima*) plantation  
Locality: Punthuk Setumbu Hills, Ngadiharjo Village, Magelang Regency, Central Java  
Cultivation: PDA, pH 5.6, 25°C

***Pythium torulosum***

InaCC Number: InaCC F546  
History: NBRC (S. Inaba) & LIPI (M. Ilyas), S05-ss02  
Source of sample: Soil/mud collected from ditch near ± 1 month age of paddy (*Oryza sativa* L.) field  
Locality: Harjobinangun, Pakem, Sleman Regency, Yogyakarta Special Region  
Cultivation: PDA, pH 5.6, 25°C

***Pythium torulosum***

InaCC Number: InaCC F532  
History: NBRC (S. Inaba) & LIPI (M. Ilyas), S14-gl01

Other CC: NBRC 112086  
 Source of sample: Soil collected from tobacco (*Nicotiana tabacum*) plantation  
 Locality: Ketep Pass highland, Sawangan, Magelang Regency, Central Java  
 Cultivation: PDA, pH 5.6, 25°C

***Pythium ultimum***

InaCC Number: InaCC **F584**  
 History: NBRC (S. Inaba) & LIPI (M. Ilyas), BS16-ss01  
 Other CC: NBRC 112090  
 Source of sample: Soil collected in citrus plantation with redbean intercropping (citrus = *Citrus sinensis* Osbeck) (redbean = *Phaseolus vulgaris* L.)  
 Locality: Pengatan Village, Kintamani District, Bangli Regency, Bali  
 Cultivation: PDA, pH 5.6, 25°C

***Pythium ultimum***

InaCC Number: InaCC **F615**  
 History: NBRC (S. Inaba) & LIPI (M. Ilyas), BS15-pp01  
 Source of sample: Soil collected in chinese cabbage (*Brassica rapa* L.) plantation  
 Locality: Pengatan Village, Kintamani District, Bangli Regency, Bali  
 Cultivation: PDA, pH 5.6, 25°C

***Rhizopodopsis javensis***

InaCC Number: InaCC **F815**  
 History: InaCC F815 ← IPB (G. Rahayu), IPBCC 15.1353 ← University of Tsukuba (Y. Degawa), NN41: 229-1 (E11-1)  
 Source of sample: Fallen fruits of *Elaeagnus latifolia* L.  
 Locality: Cibodas Botanical Garden, Cipanas Sindanglaya, West Java  
 Cultivation: PDA

***Rhizopogon roseolus***

InaCC Number: InaCC **F1022**  
 History: InaCC ← RC. Biology. LIPI (Indri, ECM-3)  
 Source of sample: Ectomycorrhizal mushroom

Locality: Japan  
 Cultivation: PDA

***Rhizopogon sp.***

InaCC Number: InaCC **F773**  
 History: LIPI (M. Sudiana, LIPI12-3-EMF005) ← U. Tokyo (K. Nara, t9-5-2-2.)  
 Other CC: NBRC 112063  
 Source of sample: Pine seedlings  
 Locality: Lake Toba, North Sumatra  
 Cultivation: Modified Melin-Norkrans (MMN) Medium, pH 5.8, 20°C

***Rhizopogon sp.***

InaCC Number: InaCC **F774**  
 History: LIPI (M. Sudiana, LIPI12-3-EMF001) ← U. Tokyo (K. Nara, 72 014.)  
 Other CC: NBRC 112064  
 Source of sample: Pine seedlings  
 Locality: Takengon, Aceh  
 Cultivation: Modified Melin-Norkrans (MMN) Medium, pH 5.8, 20°C

***Rhizopus oligosporus***

InaCC Number: InaCC **F225**  
 History: LIPI (M. Ilyas, LIPIMC 0387) ← LIPI (M. Ilyas, SR 103 A)  
 Source of sample: Yeast tempeh  
 Locality: Cibinong Traditional Market, Cibinong, Bogor  
 Cultivation: PDA

***Rhizopus oryzae***

InaCC Number: InaCC **F6**  
 History: LIPI (M. Ilyas, LIPIMC 0180) ← LIPI (M. Ilyas, OC 03-1)  
 Source of sample: Fermented food (i.e. oncom)  
 Locality: Cibinong Traditional Market, Cibinong, Bogor Regency  
 Cultivation: PDA

***Rhizopus oryzae***

InaCC Number: InaCC **F8**  
 History: LIPI (M. Ilyas, LIPIMC 0135) ← LIPI (M. Ilyas, A1300-F002)

Source of sample: Soil  
 Locality: Mt. Ciremai, Kuningan Regency  
 Cultivation: PDA

***Rhizopus oryzae***

InaCC Number: InaCC **F149**  
 History: LIPI (M.Ilyas) ← LIPI (M.Ilyas, OD 02-1)  
 Source of sample: Fermented food: tempeh  
 Locality: PAL Traditional Market, Depok  
 Cultivation: PDA

***Rigidoporus sp.***

InaCC Number: InaCC **F1075**  
 History: InaCC ← RC. Biology. LIPI (Indri, CKMS024)  
 Source of sample: Dead log  
 Locality: Mt. Halimun-Salak National Park (GHSNP), Sukabumi, West Java  
 Cultivation: PDA

***Russula aeruginea***

InaCC Number: InaCC **F124**  
 History: LIPI (E. Sumiati, LIPIMC 0615)  
 Source of sample: BALITSA  
 Locality: Alexander Chandra, Malang  
 Cultivation: PDA

***Saprolegnia sp.***

InaCC Number: InaCC **F591**  
 History: NBRC (S. Inaba) & LIPI (M. Ilyas), BS04-cs01  
 Source of sample: Soil collected from soybean (*Glycine max* (L.) Merr.) plantation  
 Locality: Beraban, Banjar Batugain Village, Kediri District, Tabanan Regency, Bali  
 Cultivation: PDA, pH 5.6, 25°C

***Scedosporium boydii***

InaCC Number: InaCC **F1015**  
 History: InaCC ← RC. Biology. LIPI (Debora, SA2 86)  
 Source of sample: Soil  
 Locality: Central Kalimantan, Indonesia  
 Cultivation: PDA

***Schizophyllum commune***

InaCC Number: InaCC **F783**  
 History: InaCC 783 ← LIPI (M Ilyas & A. Agusta, Kc-1)  
 Source of sample: Stem of *Knema cinerea* (Poir.) Warb.  
 Locality: Enggano Island, North Bengkulu Regency, Bengkulu  
 Cultivation: PDA

***Schizophyllum commune***

InaCC Number: InaCC **F1082**  
 History: InaCC ← RC. Biology. LIPI (Indri, 1.2)  
 Source of sample: *Ipomoea aquatica* tissue  
 Locality: Cibinong Traditional Market  
 Cultivation: PDA

***Schizophyllum sp.***

InaCC Number: InaCC **F806**  
 History: InaCC 806 ← LIPI (Muhammad Ilyas) & Diponegoro University (Yuriza Eshananda) DL 3-1  
 Source of sample: Leaf of *Alpinia galanga* (L.) Willd  
 Locality: Cibinong Science Center, Cibinong, West Java  
 Cultivation: PDA

***Scleroderma sp.***

InaCC Number: InaCC **F776**  
 History: LIPI (M. Sudiana, LIPI14-3-EMF071) ← U. Tokyo (K. Nara, 72.)  
 Other CC: NBRC 112066  
 Source of sample: Sporocarps in Dipterocarpaceae forests  
 Locality: Carita Beach, West Java  
 Cultivation: Modified Melin-Norkrans (MMN) Medium, pH 5.8, 20°C

***Scleroderma sp.***

InaCC Number: InaCC **F777**  
 History: LIPI (M. Sudiana, LIPI14-3-EMF031) ← U. Tokyo (K. Nara, 31.)  
 Other CC: NBRC 112067

Source of sample: Sporocarps in Dipterocarpaceae forests

Locality: Dramaga, Pasawahan, West Java

Cultivation: Modified Melin-Norkrans (MMN) Medium, pH 5.8, 20°C

***Scleroderma* sp.**

InaCC Number: InaCC F775

History: LIPI (M. Sudiana, LIPI12-3-EMF006) ← U. Tokyo (K. Nara, t2-5.)

Other CC: NBRC112065

Source of sample: Pine seedlings

Locality: Lake Toba, North Sumatra

Cultivation: Modified Melin-Norkrans (MMN) Medium, pH 5.8, 20°C

***Sclerotium* sp.**

InaCC Number: InaCC F596

History: NBRC (S. Inaba) & LIPI (M. Ilyas), BS02-gl02

Other CC: NBRC 112091

Source of sample: Soil collected from dried paddy (*Oryza sativa* L.) field (postharvest)

Locality: Beraban, Banjar Batugain Village, Kediri District, Tabanan Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Sordaria* sp.**

InaCC Number: InaCC F263

History: LIPI (M. Ilyas, LIPI11-2-F056) ← NITE (I. Okane, 1-2-7-1)

Source of sample: Petiole of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Sordariomycetes***

InaCC Number: InaCC F298

History: LIPI (M. Ilyas, LIPI12-2-F030) ← NITE (I. Okane, 2-4-2-1)

Source of sample: Bark of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Sordariomycetes***

InaCC Number: InaCC F349

History: LIPI (M. Ilyas, LIPI12-2-F430) ← NITE (I. Okane, RC5-1-8-2)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: RITC, Gambung, Ciwidey, West Java

Cultivation: MEA, pH 7.0, 27°C

***Sordariomycetes***

InaCC Number: InaCC F306

History: LIPI (M. Ilyas, LIPI12-2-F017) ← NITE (I. Okane, 2-1-2-3)

Source of sample: Leaf of *Cinchona pubescens* Vahl.

Locality: Cibodas Botanical Garden, Cisarua, West Java

Cultivation: MEA, pH 7.0, 27°C

***Spizellomyces punctatus***

InaCC Number: InaCC F620

History: NBRC (S. Inaba) & LIPI (M. Ilyas), BS14-pp02

Source of sample: Soil collected in citrus plantation with yam intercropping (citrus = *Citrus sinensis* Osbeck, yam/sweet potato = *Ipomoea batatas* L.)

Locality: Bayung Gede Village, Kintamani District, Bangli Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Sporidesmium* sp.**

InaCC Number: InaCC F759

History: LIPI (M. Ilyas, LIPI11-2-F219) ← LIPI (M. Ilyas, L04-D1 02)

Source of sample: Dead leaves (petiole) of *Carpentaria acuminata* (H.Wendl. & Drude) Becc.

Locality: Cibodas Botanical Garden, Cisarua, West Java, Indonesia

Cultivation: PDA, pH 7.0, 27°C

***Sporidesmium* sp.**

InaCC Number: InaCC F760

History: LIPI (M. Ilyas, LIPI11-2-F220) ← LIPI (M. Ilyas, L04-D1 03)

Source of sample: Dead leaves (petiole) of *Carpentaria acuminata* (H.Wendl. & Drude) Becc.

Locality: Cibodas Botanical Garden, Cisarua, West Java, Indonesia

Cultivation: PDA, pH 7.0, 27°C

***Suillus granulatus***

InaCC Number: InaCC **F1021**

History: InaCC ← RC. Biology. LIPI (Indri, ECM-2)

Source of sample: Ectomycorrhizal mushroom

Locality: Japan

Cultivation: PDA

***Suillus luteus***

InaCC Number: InaCC **F1020**

History: InaCC ← RC. Biology. LIPI (Indri, ECM-1)

Source of sample: Ectomycorrhizal mushroom

Locality: Japan

Cultivation: PDA

***Suillus sp.***

InaCC Number: InaCC **F778**

History: LIPI (M. Sudiana, LIPI12-3-EMF004) ← U. Tokyo (K. Nara, TC4-5, Suillus 043.)  
Other CC: NBRC 112068

Source of sample: Pine seedlings

Locality: Lake Toba, North Sumatra

Cultivation: Modified Melin-Norkrans (MMN) Medium, pH 5.8, 20°C

***Syncephalastrum racemosum***

InaCC Number: InaCC **F152**

History: LIPI (M.Ilyas) ← LIPI (M.Ilyas, SR 012)

Source of sample: Soil

Locality: Cibinong Science Center, Cibinong

Cultivation: PDA

***Syncephalastrum racemosum***

InaCC Number: InaCC **F151**

History: LIPI (M.Ilyas) ← LIPI (M.Ilyas, SR 011)

Source of sample: Soil

Locality: Cibinong Science Center, Cibinong

Cultivation: PDA

***Talaromyces sp.***

InaCC Number: InaCC **F155**

History: LIPI (M.Ilyas) ← LIPI (M.Ilyas, BS 10-6)

Source of sample: Soil

Locality: Mt. Bromo, Ngadisari, Pasuruan Regency

Cultivation: PDA

***Thanatephorus sp.***

InaCC Number: InaCC **F594**

History: NBRC (S. Inaba) & LIPI (M. Ilyas), BS16-cs01

Source of sample: Soil collected in citrus plantation with redbean intercropping (citrus = *Citrus sinensis* Osbeck, redbean = *Phaseolus vulgaris* L.)

Locality: Pengatan Village, Kintamani District, Bangli Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Thielavia sp.***

InaCC Number: InaCC **F568**

History: NBRC (S. Inaba) & LIPI (M. Ilyas), S19-pp01

Source of sample: Soil collected from sugarcane (*Saccharum officinarum*) plantation

Locality: Madukismo, Kasihan, Bantul Regency, Yogyakarta Special Region

Cultivation: PDA, pH 5.6, 25°C

***Trametes versicolor***

InaCC Number: InaCC **F200**

History: LIPI (E. Sumiati, LIPIMC 0658)

Source of sample: BALITSA

Locality: Sukardi. Cikole-Lembang, Bandung

Cultivation: PDA

***Trametes sanguinea***

InaCC Number: InaCC **F1089**

History: InaCC ← RC. Biology. LIPI (Indri, F19-IN004)

Source of sample: *Annona squamosa* tree

Locality: Indonesian Culture Collection (InaCC)  
Greenhouse, Cibinong, West Java  
Cultivation: PDA

***Tremella* sp.**

InaCC Number: InaCC **F631**  
History: LIPI (A. Kanti) & NBRC (A. Yamazaki),  
JSAT11-2-Y036 ← NBRC (A. Yamazaki) & LIPI  
(A. Kanti), Cli01. N-3  
Source of sample: Soil under quina, *Cinchona*  
*pubescens*  
Locality: Cibodas Botanical Garden, Cisarua,  
West Java  
Cultivation: YMA, pH 5.6, 25°C

***Tremella* sp.**

InaCC Number: InaCC **F630**  
History: LIPI (A. Kanti) & NBRC (A. Yamazaki),  
JSAT11-2-Y007 ← NBRC (A. Yamazaki) & LIPI  
(A. Kanti), CS03. N-5  
Source of sample: Soil under quina (*Cinchona*  
*pubescens*)  
Locality: Cibodas Botanical Garden, Cisarua,  
West Java  
Cultivation: YMA, pH 5.6, 25°C

***Trichobotrys effusa***

InaCC Number: InaCC **F768**  
History: LIPI (M. Ilyas, LIPI11-2-F233) ← LIPI  
(M. Ilyas, L14-D1 02)  
Source of sample: Dead bamboo (*Bambusa* sp.)  
Locality: Cibodas Botanical Garden, Cisarua,  
West Java, Indonesia  
Cultivation: PDA, pH 7.0, 27°C

***Trichobotrys effusa***

InaCC Number: InaCC **F767**  
History: LIPI (M. Ilyas, LIPI11-2-F232) ← LIPI  
(M. Ilyas, L14-D1 01)  
Source of sample: Dead bamboo (*Bambusa* sp.)  
Locality: Cibodas Botanical Garden, Cisarua,  
West Java, Indonesia  
Cultivation: PDA, pH 7.0, 27°C

***Trichoderma asperellum***

InaCC Number: InaCC **F93**  
History: LIPI (M. Ilyas, LIPIMC 0568) ← LIPI  
(M. Ilyas, SS BF 01)  
Source of sample: Leaf litter  
Locality: Mt. Salak, Sukabumi Regency  
Cultivation: PDA

***Trichoderma atroviride***

InaCC Number: InaCC **F113**  
History: LIPI (M. Ilyas, LIPIMC 0566) ← LIPI  
(M. Ilyas, SS A MF 02)  
Source of sample: Soil  
Locality: Mt. Salak, Sukabumi Regency  
Cultivation: PDA

***Trichoderma hamatum***

InaCC Number: InaCC **F1080**  
History: InaCC ← RC. Biology. LIPI (Indri,  
F19-IT007)  
Source of sample: Leaf of banana  
Locality: Indonesian Culture Collection (InaCC)  
Greenhouse, Cibinong, West Java  
Cultivation: PDA

***Trichoderma harzianum***

InaCC Number: InaCC **F91**  
History: LIPI (M. Ilyas, LIPIMC 0384) ← LIPI  
(M. Ilyas, SL KD 01)  
Source of sample: Leaf litter  
Locality: Mt. Salak, Sukabumi Regency  
Cultivation: PDA

***Trichoderma harzianum***

InaCC Number: InaCC **F116**  
History: LIPI (M. Ilyas, LIPIMC 0564) ← LIPI  
(M. Ilyas, SLED)  
Source of sample: Leaf litter  
Locality: Mt. Salak, Sukabumi Regency  
Cultivation: PDA

***Trichoderma harzianum***

InaCC Number: InaCC **F144**  
History: LIPI (M. Ilyas, LIPIMC 0572) ← LIPI  
(M. Ilyas, SL HD 01)



Source of sample: Leaf litter  
 Locality: Mt. Salak, Sukabumi Regency  
 Cultivation: PDA

***Trichoderma harzianum***

InaCC Number: InaCC **F148**  
 History: LIPI (M.Ilyas) ← LIPI (M.Ilyas, A1300-F006)  
 Source of sample: Soil  
 Locality: Mt. Ciremai, Kuningan Regency  
 Cultivation: PDA

***Trichoderma harzianum***

InaCC Number: InaCC **F92**  
 History: LIPI (M.Ilyas, LIPIMC 0569) ← LIPI (M.Ilyas, SL HV 01)  
 Source of sample: Leaf litter  
 Locality: Mt. Salak, Sukabumi Regency  
 Cultivation: PDA

***Trichoderma harzianum***

InaCC Number: InaCC **F115**  
 History: LIPI (M.Ilyas, LIPIMC 0152) ← LIPI (M.Ilyas, BS 05-1)  
 Source of sample: Soil  
 Locality: Mt. Bromo, Ngadisari, Pasuruan Regency  
 Cultivation: PDA

***Trichoderma harzianum***

InaCC Number: InaCC **F90**  
 History: LIPI (M.Ilyas, LIPIMC 0567) ← LIPI (M.Ilyas, SL GV 01)  
 Source of sample: Leaf litter  
 Locality: Mt. Salak, Sukabumi Regency  
 Cultivation: PDA

***Trichoderma harzianum***

InaCC Number: InaCC **F88**  
 History: LIPI (M.Ilyas, LIPIMC 0548) ← LIPI (M.Ilyas, BS 03-1)  
 Source of sample: Soil  
 Locality: Mt. Bromo, Ngadisari, Pasuruan Regency  
 Cultivation: PDA

***Trichoderma harzianum***

InaCC Number: InaCC **F87**  
 History: LIPI (M.Ilyas, LIPIMC 0573) ← LIPI (M.Ilyas, SL GV 02)  
 Source of sample: Leaf litter  
 Locality: Mt. Salak, Sukabumi Regency  
 Cultivation: PDA

***Trichoderma harzianum***

InaCC Number: InaCC **F89**  
 History: LIPI (M.Ilyas, LIPIMC 0565) ← LIPI (M.Ilyas, SLJF)  
 Source of sample: Leaf litter  
 Locality: Mt. Salak, Sukabumi Regency  
 Cultivation: PDA

***Trichoderma harzianum***

InaCC Number: InaCC **F86**  
 History: LIPI (M.Ilyas, LIPIMC 0552) ← LIPI (M.Ilyas, IB BL04a)  
 Source of sample: Leaf litter  
 Locality: Mt. Bromo, Ngadisari, Pasuruan Regency  
 Cultivation: PDA

***Trichoderma harzianum***

InaCC Number: InaCC **F1005**  
 History: InaCC ← RC. Biology. LIPI (Indri, CSC18 (L))  
 Source of sample: Soil  
 Locality: Cibinong Science Center, Cibinong, West Java  
 Cultivation: PDA

***Trichoderma inhamatum***

InaCC Number: InaCC **F1004**  
 History: InaCC ← RC. Biology. LIPI (Indri, CSC22 (D))  
 Source of sample: Soil  
 Locality: Cibinong Science Center, Cibinong, West Java  
 Cultivation: PDA

***Trichoderma longibrachiatum***InaCC Number: InaCC **F146**

History: LIPI (M.Ilyas, LIPIMC 0570) ← LIPI (M.Ilyas, SL MF 02)

Source of sample: Leaf litter

Locality: Mt. Salak, Sukabumi Regency

Cultivation: PDA

***Trichoderma ovalisporum***InaCC Number: InaCC **F143**

History: LIPI (M.Ilyas, LIPIMC 0571) ← LIPI (M.Ilyas, SS A MF 01)

Source of sample: Soil

Locality: Mt. Salak, Sukabumi Regency

Cultivation: PDA

***Trichoderma reesei***InaCC Number: InaCC **F1093**

History: InaCC ← RC. Biology. LIPI (Indri, F19-IT003)

Source of sample: Root of banana

Locality: Indonesian Culture Collection (InaCC) Greenhouse, Cibinong, West Java

Cultivation: PDA

***Trichoderma sp.***InaCC Number: InaCC **F557**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), S02-pp01

Source of sample: Soil collected under snake skin fruit (*Salacca edulis*) tree

Locality: Candi Bangunkerto, Turi, Sleman Regency, Yogyakarta Special Region

Cultivation: PDA, pH 5.6, 25°C

***Trichoderma sp.***InaCC Number: InaCC **F602**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), BS15-gl01

Source of sample: Soil collected in chinese cabbage (*Brassica rapa* L.) plantation

Locality: Pengatan Village, Kintamani District, Bangli Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Trichoderma sp.***InaCC Number: InaCC **F577**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), BS02-ss01

Source of sample: Soil collected from dried paddy (*Oryza sativa* L.) field (postharvest)

Locality: Beraban, Banjar Batugain Village, Kediri District, Tabanan Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Trichoderma sp.***InaCC Number: InaCC **F606**

History: NBRC (S. Inaba) &amp; LIPI (M. Ilyas), BS01-pp01

Source of sample: Soil collected from dried paddy (*Oryza sativa* L.) field (postharvest)

Locality: Beraban, Banjar Batugain Village, Kediri District, Tabanan Regency, Bali

Cultivation: PDA, pH 5.6, 25°C

***Trichoderma spirale***InaCC Number: InaCC **F1092**

History: InaCC ← RC. Biology. LIPI (Indri, F19-IT001)

Source of sample: Rhizosphere of banana

Locality: Indonesian Culture Collection (InaCC) Greenhouse, Cibinong, West Java

Cultivation: PDA

***Trichoderma virens***InaCC Number: InaCC **F1030**

History: InaCC ← RC. Biology. LIPI (Indri, F Soil AT3)

Source of sample: Banana (*Musa paradisiaca* L.) rhizosphere

Locality: Banana plantation field trial of Research Center for Biology-LIPI, West Java

Cultivation: PDA

***Tricholoma robustum***InaCC Number: InaCC **F1037**

History: InaCC ← LIPI (Muhammad Ilyas, MS 1A-1))

Source of sample: Stem of *Moringa oleifera* Lam.

Locality: Nursery & research garden, Botany Division, RC for Biology – LIPI, Cibinong  
Cultivation: PDA

***Tritirachium* sp.**

InaCC Number: InaCC **F632**  
History: LIPI (A. Kanti) & NBRC (A. Yamazaki), JSAT11-2-Y172 ← NBRC (A. Yamazaki) & LIPI (A. Kanti), BBLE02  
Source of sample: Soil under bamboo tree  
Locality: Bogor Botanical Garden, Bogor, West Java  
Cultivation: YMA, pH 5.6, 25°C

***Tubercularia lateritia***

InaCC Number: InaCC **F764**  
History: LIPI (M. Ilyas, LIPI11-2-F224) ← LIPI (M. Ilyas, L05-D1 04)  
Source of sample: Dead leaves (petiole) of tree fern *Cyathea contaminans* (Wall. ex Hook.) Copel., Philipp.  
Locality: Cibodas Botanical Garden, Cisarua, West Java, Indonesia  
Cultivation: PDA, pH 7.0, 27°C

***Tubercularia lateritia***

InaCC Number: InaCC **F763**  
History: LIPI (M. Ilyas, LIPI11-2-F223) ← LIPI (M. Ilyas, L05-D1 03)  
Source of sample: Dead leaves (petiole) of tree fern *Cyathea contaminans* (Wall. ex Hook.) Copel., Philipp.  
Locality: Cibodas Botanical Garden, Cisarua, West Java, Indonesia  
Cultivation: PDA, pH 7.0, 27°C

***Tubercularia lateritia***

InaCC Number: InaCC **F761**  
History: LIPI (M. Ilyas, LIPI11-2-F221) ← LIPI (M. Ilyas, L05-D1 01)  
Source of sample: Dead leaves (petiole) of tree fern *Cyathea contaminans* (Wall. ex Hook.) Copel., Philipp.  
Locality: Cibodas Botanical Garden, Cisarua, West Java, Indonesia  
Cultivation: PDA, pH 7.0, 27°C

***Tubercularia lateritia***

InaCC Number: InaCC **F750**  
History: LIPI (M. Ilyas, LIPI11-2-F208) ← LIPI (M. Ilyas, L01-D1 01)  
Source of sample: Dead branch of *Cinchona pubescens* Vahl.  
Locality: Cibodas Botanical Garden, Cisarua, West Java, Indonesia  
Cultivation: PDA, pH 7.0, 27°C

***Tubercularia lateritia***

InaCC Number: InaCC **F751**  
History: LIPI (M. Ilyas, LIPI11-2-F209) ← LIPI (M. Ilyas, L01-D1 02)  
Source of sample: Dead branch of *Cinchona pubescens* Vahl.  
Locality: Cibodas Botanical Garden, Cisarua, West Java, Indonesia  
Cultivation: PDA, pH 7.0, 27°C

***Tubercularia lateritia***

InaCC Number: InaCC **F762**  
History: LIPI (M. Ilyas, LIPI11-2-F222) ← LIPI (M. Ilyas, L05-D1 02)  
Source of sample: Dead leaves (petiole) of tree fern *Cyathea contaminans* (Wall. ex Hook.) Copel., Philipp.  
Locality: Cibodas Botanical Garden, Cisarua, West Java, Indonesia  
Cultivation: PDA, pH 7.0, 27°C

***Ulocladium tuberculatum***

InaCC Number: InaCC **F3**  
History: LIPI (M. Ilyas, LIPI11-2-F222) ← LIPI (M. Ilyas, BS 03-11)  
Source of sample: Soil  
Locality: Mt. Bromo, Ngadisari, Pasuruan Regency, East Java, Indonesia  
Cultivation: PDA

***Ustilago alcornii***

InaCC Number: InaCC **F633**  
History: LIPI (A. Kanti) & NBRC (A. Yamazaki), JSAT12-2-Y145 ← NBRC (A. Yamazaki) & LIPI (A. Kanti), Cis-S03-4

Source of sample: Soil  
 Locality: Ciseeng, Bogor, West Java  
 Cultivation: YMA, pH 5.6, 25°C

***Ustilago alcornii***

InaCC Number: InaCC **F638**  
 History: LIPI (A. Kanti) & NBRC (A. Yamazaki), JSAT12-2- Y266-2 ← NBRC (A. Yamazaki) & LIPI (A. Kanti), Cis.S.04.F.1  
 Source of sample: Soil  
 Locality: Ciseeng, Bogor, West Java  
 Cultivation: YMA, pH 5.6, 25°C

***Ustilago alcornii***

InaCC Number: InaCC **F637**  
 History: LIPI (A. Kanti) & NBRC (A. Yamazaki), JSAT12-2- Y266-1 ← NBRC (A. Yamazaki) & LIPI (A. Kanti), Cis.S.04.F.1  
 Source of sample: Soil  
 Locality: Ciseeng, Bogor, West Java  
 Cultivation: YMA, pH 5.6, 25°C

***Ustilago alcornii***

InaCC Number: InaCC **F634**  
 History: LIPI (A. Kanti) & NBRC (A. Yamazaki), JSAT12-2-Y149-1 ← NBRC (A. Yamazaki) & LIPI (A. Kanti), Cis-S04-3  
 Source of sample: Soil  
 Locality: Ciseeng, Bogor, West Java  
 Cultivation: YMA, pH 5.6, 25°C

***Ustilago alcornii***

InaCC Number: InaCC **F635**  
 History: LIPI (A. Kanti) & NBRC (A. Yamazaki), JSAT12-2-Y197-1 ← NBRC (A. Yamazaki) & LIPI (A. Kanti), Bank.08.Le.F.1  
 Source of sample: Leaves  
 Locality: Bangkirai, Balikpapan, East Kalimantan  
 Cultivation: YMA, pH 5.6, 25°C

***Ustilago alcornii***

InaCC Number: InaCC **F636**  
 History: LIPI (A. Kanti) & NBRC (A. Yamazaki), JSAT12-2-Y197-2 ← NBRC (A. Yamazaki) & LIPI (A. Kanti), Bank.08.Le.F.1

Source of sample: Leaves  
 Locality: Bangkirai, Balikpapan, East Kalimantan  
 Cultivation: YMA, pH 5.6, 25°C

***Verticillium clamydiosporium***

InaCC Number: InaCC **F659**  
 History: LIPI (M. Ilyas, LIPI12-2-F296) ← IPB (G. Rahayu, E231)  
 Source of sample: Root of *Cinchona calisaya* Wedd.  
 Locality: RITC, Gambung, Ciwidey, West Java  
 Cultivation: PDA, pH 7.0, 27°C

***Verticillium clamydosporium***

InaCC Number: InaCC **F660**  
 History: LIPI (M. Ilyas, LIPI12-2-F297) ← IPB (G. Rahayu, E232)  
 Source of sample: Root of *Cinchona calisaya* Wedd.  
 Locality: RITC, Gambung, Ciwidey, West Java  
 Cultivation: PDA, pH 7.0, 27°C

***Xylaria badia***

InaCC Number: InaCC **F1081**  
 History: InaCC ← RC. Biology. LIPI (Indri, F19-IT020)  
 Source of sample: Rhizosphere of banana  
 Locality: Indonesian Culture Collection (InaCC) Greenhouse, Cibinong, West Java  
 Cultivation: PDA

***Xylaria berterii***

InaCC Number: InaCC **F329**  
 History: LIPI (M. Ilyas, LIPI11-2-F113) ← NITE (I. Okane, 2-2-10-3)  
 Source of sample: Petiole of *Cinchona pubescens* Vahl.  
 Locality: Cibodas Botanical Garden, Cisarua, West Java  
 Cultivation: MEA, pH 7.0, 27°C

***Xylaria feejeensis***

InaCC Number: InaCC **F1009**  
 History: InaCC ← RC. Biology. LIPI (Indri, CSC22 (L))

Source of sample: Soil

Locality: Cibinong Science Center, Cibinong,  
West Java

Cultivation: PDA

***Xylaria schweinitzii***

InaCC Number: InaCC **F1071**

History: InaCC ← RC. Biology. LIPI (Indri,  
CKMS011)

Source of sample: Dead log

Locality: Mt. Halimun-Salak National Park  
(GHSNP), Sukabumi, West Java

Cultivation: PDA

***Xylaria* sp.**

InaCC Number: InaCC **F230**

History: LIPI (A. Agusta) ← LIPI (A. Agusta,  
DAP KRI-5)

Source of sample: *Albertisia papuana* Becc. leaf

Locality: Bogor Botanical Garden, Bogor

Cultivation: MEA

***Xylaria* sp.**

InaCC Number: InaCC **F231**

History: LIPI (A. Agusta) ← LIPI (A. Agusta,  
BAP KRI-8)

Source of sample: *Albertisia papuana* Becc. stem

Locality: Bogor Botanical Garden, Bogor

Cultivation: MEA

***Xylaria* sp.**

InaCC Number: InaCC **F232**

History: LIPI (A. Agusta) ← LIPI (A. Agusta,  
DFC KRI-5)

Source of sample: *Fibraurea chloroleuca* Miers.  
leaf

Locality: Bogor Botanical Garden, Bogor

Cultivation: MEA

***Xylariaceae***

InaCC Number: InaCC **F443**

History: LIPI (M. Ilyas, LIPI12-2-F440) ← NITE  
(I. Okane, RC5-2-9-4)

Source of sample: Petiole of *Cinchona pubescens*  
Vahl.

Locality: Research Institute for Tea and Cinchona  
Gambung, West Java

Cultivation: MEA, pH 7.0, 27°C

***Xylariaceae***

InaCC Number: InaCC **F262**

History: LIPI (M. Ilyas, LIPI12-2-F008) ← NITE  
(I. Okane, 1-2-6-3)

Source of sample: Petiole of *Cinchona pubescens*  
Vahl.

Locality: Cibodas Botanical Garden, Cisarua,  
West Java

Cultivation: MEA, pH 7.0, 27°C

***Xylariaceae***

InaCC Number: InaCC **F397**

History: LIPI (M. Ilyas, LIPI12-2-F315) ← NITE  
(I. Okane, RC1-2-1-3)

Source of sample: Petiole of *Cinchona pubescens*  
Vahl.

Locality: Research Institute for Tea and Cinchona  
Gambung, West Java

Cultivation: MEA, pH 7.0, 27°C

***Xylariaceae***

InaCC Number: InaCC **F346**

History: LIPI (M. Ilyas, LIPI12-2-F366) ← NITE  
(I. Okane, RC3-1-7-4)

Source of sample: Leaf of *Cinchona pubescens*  
Vahl.

Locality: Research Institute for Tea and Cinchona  
Gambung, West Java

Cultivation: MEA, pH 7.0, 27°C

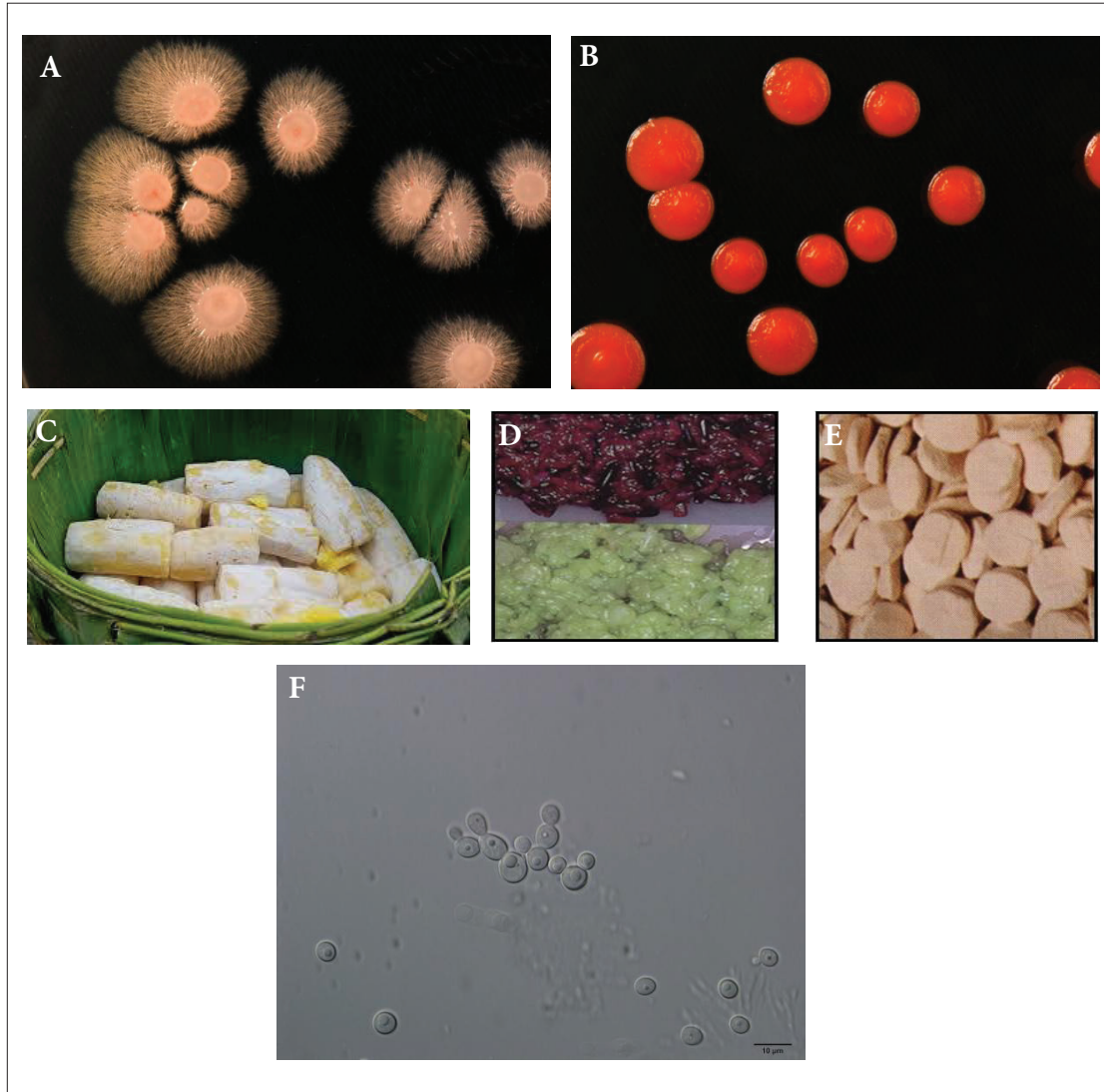
## YEAST

Yeasts are unicellular fungi that were classified along with molds and mushrooms in Kingdom Fungi. They are single cells with size along 3–4  $\mu\text{m}$  in diameter and predominantly reproduce asexually by budding. Currently, around 2,000 species of yeasts have been identified and represent 1% of fungal kingdom members. There are two phyla that represent the evolutionary position of yeast, i.e. Ascomycetous and Basidiomycetous. Yeasts are facultative anaerobes, as they mainly grow well in anaerobic condition (fermentation), but somehow require oxygen for respiration. The minimal sources that required for yeast growth are carbon and nitrogen. Mostly, yeasts ferment hexose sugar such as glucose, fructose, maltose, and sucrose. Some species may use pentose sugar like ribose and other organic compounds. Physiologically, yeasts best grow in a neutral or slightly acidic pH condition.

In nature, yeasts can be encountered in wide range of habitats. They are commonly found in air, dust, water, plant leaves, flowers, and fruits, as well as in soil. Yeasts are often isolated from sugar-rich materials. Yeasts are also as microflora on the body surface and inside the body of humans or animals. They may live as symbionts, parasites, or pathogens. The occurrences of yeasts indicate their roles in environment and the beneficial roles they play can be exploited towards industrial interest.

Over a hundred years ago, yeasts have been already used for many beneficial interests. They have important roles for social, economic, and ecological purposes. A huge variety of products, e.g. vitamins, bioethanol, biodiesel, biopharmaceutical, food, and beverages were come from its potencies. In the food industry, yeasts have been used for food additives, which include colorants, antioxidants, and flavor enhancers. Also, they are beneficial for pharmaceuticals, such as antiparasitics, anticancer compounds, insulin, vaccines, and nutraceuticals. Yeasts are common use for production of industrial enzymes and chemicals. Moreover, they are very easy to genetically manipulated, which in turn is beneficial to speed up the production process for industrial standard. In the environmental field, some strains have even been exploited for bioremediation of metal pollution.

In this part, recent status of yeasts depository in the Indonesian Culture Collection (InaCC) were listed. It will be useful to supply genetic resources of yeasts for research and industrial interest in Indonesia.



Note: (A) Colonies of *Aerobasidium pullulans* InaCC Y413 isolated from stem of corn  
 (B) Colonies of *Sporidiobolus ruineniae* InaCC Y1551 isolated from leaves of *Citrus* sp.  
 (C) Cassava tapioca  
 (D) Tapai (glutinous rice), traditional Indonesian fermented food  
 (E) Tapioca yeast, starter for fermentation process  
 (F) *Citeromyces cibodasensis* InaCC Y703 viewed under phase contrast lenses

Source: Yeast Laboratory, InaCC; (A), (B), (F) 2018; (C), (D), (E), 2015

**Figure 1.2** Diversity of Yeast Collected in InaCC

## LIST OF YEAST

### *Ambrosiozyma platypodis*

InaCC Number: InaCC **Y127**

History: LIPI (Atit Kanti, LIPIMC 0233) ← LIPI (Atit Kanti, 76-88)

Source of sample: Frass in tunnel of *Platypodis cylindrus*

Locality: South Africa.

Cultivation: PDA

Source of sample: Soil under quina (*Cinchona* sp.)

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YM agar, 25°C

### *Ascomycete sp.*

InaCC Number: InaCC **Y1480**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y070 = Bank04-S01-2-1) ← NITE (Atsushi Yamazaki, JSAT12-2-Y070)

Source of sample: Soil

Locality: Bangkirai, Balikpapan, East Kalimantan

Cultivation: YM agar, 25°C

### *Aureobasidium melanogenum*

InaCC Number: InaCC **Y1576**

History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR001)

Source of sample: Litter

Locality: Mt. Jantan, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

### *Asterotremella humicola*

InaCC Number: InaCC **Y312**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, PL.1.F.6)

Source of sample: Leaf litter

Locality: Protected Forest Papalia, South Konawe

Cultivation: PDA

### *Aureobasidium melanogenum*

InaCC Number: InaCC **Y1580**

History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR005)

Source of sample: Litter

Locality: Mt. Jantan, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

### *Aureobasidium leucospermi*

InaCC Number: InaCC **Y1386**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y067 = CLE03M) ← LIPI (Atit Kanti, JSAT11-2-Y067)

### *Aureobasidium melanogenum*

InaCC Number: InaCC **Y1597**

History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR040)

Source of sample: Leaf

Locality: Mt. Betina, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C



***Aurebasidium pullulans***

InaCC Number: InaCC Y263

History: LIPI (Atit Kanti, LIPIMC 0994) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.52)

Source of sample: Leaf of *Piper bettle*, Mt. Salak

Locality: Mt. Salak

Cultivation: PDA

***Aureobasidium pullulans***

InaCC Number: InaCC Y284

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.BS.50)

Source of sample: Stem of *Piper bettle*, Bali

Locality: Bali

Cultivation: PDA

***Aureobasidium pullulans***

InaCC Number: InaCC Y330

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.BS.04)

Source of sample: Leaf of *Piper bettle*, Bali

Locality: Bali

Cultivation: PDA

***Aureobasidium pullulans***

InaCC Number: InaCC Y334

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.BS.10)

Source of sample: Leaf of *Piper bettle*, Bali

Locality: Bali

Cultivation: PDA

***Aureobasidium pullulans***

InaCC Number: InaCC Y340

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.BS.31)

Source of sample: Leaf of *Piper bettle*, Bali

Locality: Bali

Cultivation: PDA

***Aureobasidium pullulans***

InaCC Number: InaCC Y383

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.11.CB.007)

Source of sample: Leaf of paddy

Locality: Cibinong, Bogor, West Java

Cultivation: PDA

***Aureobasidium pullulans***

InaCC Number: InaCC Y385

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.11.CB.009)

Source of sample: Leaf of paddy

Locality: Cibinong, Bogor, West Java

Cultivation: PDA

***Aureobasidium pullulans***

InaCC Number: InaCC Y387

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.11.CB.011)

Source of sample: Leaf of paddy

Locality: Cibinong, Bogor, West Java

Cultivation: PDA

***Aureobasidium pullulans***

InaCC Number: InaCC Y393

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.11.CB.017)

Source of sample: Flower of corn

Locality: Cibinong, Bogor West Java

Cultivation: PDA

***Aureobasidium pullulans***

InaCC Number: InaCC Y394

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.11.CB.018)

Source of sample: Flower of corn

Locality: Cibinong, Bogor West Java

Cultivation: PDA

***Aureobasidium pullulans***

InaCC Number: InaCC Y395

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.11.CB.019)

Source of sample: Flower of corn

Locality: Cibinong, Bogor, West Java

Cultivation: PDA

***Aureobasidium pullulans***

InaCC Number: InaCC Y396

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.11.CB.020)

Source of sample: Flower of corn

Locality: Cibinong, Bogor West Java

Cultivation: PDA

***Aureobasidium pullulans***

InaCC Number: InaCC Y401

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.11.CB.026)

Source of sample: Stem of corn

Locality: Cibinong, Bogor, West Java

Cultivation: PDA

***Aureobasidium pullulans***

InaCC Number: InaCC Y402

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.11.CB.027)

Source of sample: Stem of corn

Locality: Cibinong, Bogor, West Java

Cultivation: PDA

***Aureobasidium pullulans***

InaCC Number: InaCC Y404

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.11.CB.029)

Source of sample: Stem of corn

Locality: Cibinong, Bogor, West Java

Cultivation: PDA

***Aureobasidium pullulans***

InaCC Number: InaCC Y405

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.11.CB.030)

Source of sample: Stem of corn

Locality: Cibinong, Bogor West Java

Cultivation: PDA

***Aureobasidium pullulans***

InaCC Number: InaCC Y408

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.11.CB.034)

Source of sample: Stem of corn

Locality: Cibinong, Bogor, West Java

Cultivation: PDA

***Aureobasidium pullulans***

InaCC Number: InaCC Y409

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.11.CB.036)

Source of sample: Stem of corn

Locality: Cibinong, Bogor, West Java

Cultivation: PDA

***Aureobasidium pullulans***

InaCC Number: InaCC Y410

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.11.CB.037)

Source of sample: Stem of corn

Locality: Cibinong, Bogor, West Java

Cultivation: PDA

***Aureobasidium pullulans***

InaCC Number: InaCC Y413

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.11.CB.040)

Source of sample: Stem of corn

Locality: Cibinong, Bogor, West Java

Cultivation: PDA

***Aureobasidium pullulans***

InaCC Number: InaCC Y1387

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y071 = CLE03MF1) ← LIPI (Atit Kanti, JSAT11-2-Y071)

Source of sample: Soil under quina (*Cinchona* sp.)

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YM agar, 25°C

***Aureobasidium pullulans***

InaCC Number: InaCC Y1393

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y124-1) ← LIPI (Atit Kanti, JSAT11-2-Y124-1)

Source of sample: Soil under *Ficus* sp.

Locality: Bogor Botanical Garden, Bogor, West Java

Cultivation: YM agar, 25°C

***Aureobasidium pullulans***

InaCC Number: InaCC **Y1412**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y199=ST02LE4-3) ← LIPI (Atit Kanti, JSAT11-2-Y199)

Source of sample: Soil under *Symplocos cochinchinensis*

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Aureobasidium pullulans***

InaCC Number: InaCC **Y1441**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y289 = ST02Le5-3) ← NITE (Atsushi Yamazaki, JSAT11-2-Y289)

Source of sample: Soil under tea plant (*Camellia sinensis* L.)

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Aureobasidium pullulans***

InaCC Number: InaCC **Y1458**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y351 = ST04Le5-3) ← NITE (Atsushi Yamazaki, JSAT11-2-Y351)

Source of sample: Soil under *Agathis dammara*

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Aureobasidium pullulans***

InaCC Number: InaCC **Y1468**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y382 = ST05Le5-1) ← NITE (Atsushi Yamazaki, JSAT11-2-Y382)

Source of sample: Soil under *Arcypteris irregularis*

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Aureobasidium pullulans***

InaCC Number: InaCC **Y1627**

History: InaCC ← Suryo Wiyono

Source of sample: Plant (chili leaf)

Locality: Dramaga, Bogor, West Java

Cultivation: PDA

***Aureobasidium sp.***

InaCC Number: InaCC **Y374**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.54)

Source of sample: Litter of *Piper bettle*

Locality: Mt. Salak

Cultivation: PDA

***Aureobasidium sp.***

InaCC Number: InaCC **Y391**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.11.CB.015)

Source of sample: Flower of corn

Locality: Cibinong, Bogor, West Java

Cultivation: PDA

***Aureobasidium sp.***

InaCC Number: InaCC **Y1388**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y079=CLE03DP2) ← LIPI (Atit Kanti, JSAT11-2-Y079)

Source of sample: Soil under quina (*Cinchona* sp.)

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YM agar, 25°C

***Aureobasidium sp.***

InaCC Number: InaCC **Y1389**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y082 = CLE04MF1) ← LIPI (Atit Kanti, JSAT11-2-Y082)

Source of sample: Soil under quina (*Chinchona pubescens*)

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YM agar, 25°C

***Aureobasidium* sp.**InaCC Number: InaCC **Y386**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.11.CB.010)

Source of sample: Leaf of paddy

Locality: Cibinong, Bogor West Java

Cultivation: PDA

***Aureobasidium thailandense***InaCC Number: InaCC **Y1604**

History: LIPI (I Nyoman Sumerta &amp; Atit Kanti, Y15KR057)

Source of sample: Litter

Locality: Mt. Betina, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Aureobasidium thailandense***InaCC Number: InaCC **Y1601**

History: LIPI (I Nyoman Sumerta &amp; Atit Kanti, Y15KR053)

Source of sample: Litter

Locality: Mt. Betina, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Aureobasidium thailandense***InaCC Number: InaCC **Y1603**

History: LIPI (I Nyoman Sumerta &amp; Atit Kanti, Y15KR056)

Source of sample: Litter

Locality: Mt. Betina, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Barnettozyma californica***InaCC Number: InaCC **Y1232**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y127) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y127)

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali

Cultivation: PDA

***Barnettozyma californica***InaCC Number: InaCC **Y1272**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y192) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y192)

Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Barnettozyma californica***InaCC Number: InaCC **Y1230**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y121) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y121)

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali

Cultivation: PDA

***Barnettozyma californica***InaCC Number: InaCC **Y1275**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y195) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y195)

Source of sample: Litter

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Barnettozyma californica***InaCC Number: InaCC **Y1366**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y338) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y338)

Source of sample: Litter

Locality: Bogor Botanic Garden, Bogor, West Java

Cultivation: PDA

***Barnettozyma californica***InaCC Number: InaCC **Y1278**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y199) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y199)

Source of sample: Litter

Locality: Cibodas Botanic Garden, Cipanas,  
West Java

Cultivation: PDA

***Barnettozyma californica***

InaCC Number: InaCC **Y1363**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y333) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y333)

Source of sample: Litter

Locality: Bogor Botanic Garden, Bogor, West  
Java

Cultivation: PDA

***Barnettozyma californica***

InaCC Number: InaCC **Y1313**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y255) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y255)

Source of sample: Litter

Locality: Cibodas Botanic Garden, Cipanas,  
West Java

Cultivation: PDA

***Barnettozyma californica***

InaCC Number: InaCC **Y1226**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y114) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y114)

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden,  
Baturiti, Bali

Cultivation: PDA

***Barnettozyma californica***

InaCC Number: InaCC **Y1277**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y198) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y198)

Source of sample: Litter

Locality: Cibodas Botanic Garden, Cipanas,  
West Java

Cultivation: PDA

***Barnettozyma californica***

InaCC Number: InaCC **Y1292**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y226) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y226)

Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas,  
West Java

Cultivation: PDA

***Barnettozyma californica***

InaCC Number: InaCC **Y1220**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y106) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y106)

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden,  
Baturiti, Bali

Cultivation: PDA

***Barnettozyma sp.***

InaCC Number: InaCC **Y789**

History: LIPI (A. Kanti, LIPI13-2-Y268) ← NITE (R. Kobayashi, XYA7-4)

Other CC: NBRC 110327

Source of sample: Decayed wood

Locality: Bung Hatta Botanical Garden, Padang,  
West Sumatra, Indonesia

Cultivation: PDA

***Barnettozyma sp.***

InaCC Number: InaCC **Y729**

History: LIPI & NITE (Atit Kanti & Ryuichi Kobayashi, XYG7-4)

Other CC: NBRC 110205

Source of sample: Fermented food

Locality: Padang

Cultivation: YM agar

***Barnettozyma sp.***

InaCC Number: InaCC **Y728**

History: LIPI & NITE (Atit Kanti & Ryuichi Kobayashi, XYG7-2)

Other CC: NBRC 110204

Source of sample: Fermented food

Locality: Padang

Cultivation: YM agar

***Barnettozyma* sp.**

InaCC Number: InaCC **Y727**

History: LIPI & NITE (Atit Kanti & Ryuichi Kobayashi, DXG7-2)

Other CC: NBRC 110203

Source of sample: Fermented food

Locality: Padang

Cultivation: YM agar

***Barnettozyma* sp.**

InaCC Number: InaCC **Y726**

History: LIPI & NITE (Atit Kanti & Ryuichi Kobayashi, DXA7-1)

Other CC: NBRC 110202

Source of sample: Fermented food

Locality: Padang

Cultivation: YM agar

***Barnettozyma* sp.**

InaCC Number: InaCC **Y1031**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y196) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y196)

Other CC: NBRC 111558

Source of sample: Litter

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Barnettozyma* sp.**

InaCC Number: InaCC **Y1032**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y201) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y201)

Other CC: NBRC 111559

Source of sample: Litter

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Basidiomycete yeast* sp.**

InaCC Number: InaCC **Y76**

History: LIPI (Atit Kanti, LIPIMC 0100) ← LIPI (Atit Kanti, Cm/1)

Source of sample: Tapai yeast

Locality: Cimande

Cultivation: PDA

***Basidiomycete yeast* sp.**

InaCC Number: InaCC **Y74**

History: LIPI (Atit Kanti, LIPIMC 0097) ← LIPI (Atit Kanti, CII/4.1)

Source of sample: Tapai yeast

Locality: Cianjur

Cultivation: PDA

***Bensingtonia musae***

InaCC Number: InaCC **Y447**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.08.RA.011)

Source of sample: Soil

Locality: Waigeo, Raja Ampat, Papua

Cultivation: PDA

***Bensingtonia musae***

InaCC Number: InaCC **Y438**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.08.RA.027)

Source of sample: Soil

Locality: Waigeo, Raja Ampat, Papua

Cultivation: PDA

***Bensingtonia musae***

InaCC Number: InaCC **Y440**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.08.RA.010)

Source of sample: Soil

Locality: Waigeo, Raja Ampat, Papua

Cultivation: PDA

***Bullera coprosmaensis***

InaCC Number: InaCC **Y980**

History: ← LIPI (A. Kanti, LIPI12-2-Y284) ← NITE (A. Yamazaki, Cis.S.09.F.3)

Other CC: NBRC 111334  
 Source of sample: Soil  
 Locality: Ciseeng, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Bullera coprosmaensis***

InaCC Number: InaCC **Y876**  
 History: ← LIPI (A. Kanti, LIPI11-2-Y326) ← NITE (A. Yamazaki, ST03Li3-2)  
 Other CC: NBRC 111275  
 Source of sample: Litter  
 Locality: Mt. Salak, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Bullera coprosmaensis***

InaCC Number: InaCC **Y877**  
 History: ← LIPI (A. Kanti, LIPI11-2-Y328) ← NITE (A. Yamazaki, ST03Li4-3)  
 Other CC: NBRC 111276  
 Source of sample: Litter  
 Locality: Mt. Salak, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Bullera coprosmaensis***

InaCC Number: InaCC **Y870**  
 History: ← LIPI (A. Kanti, LIPI11-2-Y296) ← NITE (A. Yamazaki, ST03S1-1)  
 Other CC: NBRC 111271  
 Source of sample: Soil  
 Locality: Mt. Salak, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Bullera coprosmaensis***

InaCC Number: InaCC **Y969**  
 History: ← LIPI (A. Kanti, LIPI12-2-Y238) ← NITE (A. Yamazaki, Bank.11.Le.V.2)  
 Other CC: NBRC 111326  
 Source of sample: Leaves  
 Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia  
 Cultivation: YM agar, 25°C

***Bullera coprosmaensis***

InaCC Number: InaCC **Y266**  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.073)  
 Source of sample: Leaf of *Piper bettle*, Bali  
 Locality: Bali  
 Cultivation: PDA

***Bullera coprosmaensis***

InaCC Number: InaCC **Y863**  
 History: ← LIPI (A. Kanti, LIPI11-2-Y276) ← NITE (A. Yamazaki, ST02Le1-2)  
 Other CC: NBRC 111265  
 Source of sample: Leaf  
 Locality: Mt. Salak, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Bullera dendrophila***

InaCC Number: InaCC **Y847**  
 History: ← LIPI (A. Kanti, LIPI11-2-Y182) ← NITE (A. Yamazaki, ST01LE1-2)  
 Other CC: NBRC 111258  
 Source of sample: Leaf  
 Locality: Mt. Salak, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Bullera dendrophila***

InaCC Number: InaCC **Y970**  
 History: ← LIPI (A. Kanti, LIPI12-2-Y240) ← NITE (A. Yamazaki, Bank.11.Le.V.4)  
 Other CC: NBRC 111327  
 Source of sample: Leaves  
 Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia  
 Cultivation: YM agar, 25°C

***Bullera formosensis***

InaCC Number: InaCC **Y1608**  
 History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR072)  
 Source of sample: Litter  
 Locality: Mt. Betina, Karimun Regency, Riau Islands  
 Cultivation: PDA, 25°C

***Candida albicans***

InaCC Number: InaCC **Y1570**  
 History: LIPI (I Nyoman Sumerta, Y15Eg265)  
 Source of sample: Mangrove sediment  
 Locality: Belau water source, Meok, Enggano  
 Cultivation: PDA, 25°C

***Candida albicans***

InaCC Number: InaCC **Y1574**  
 History: LIPI (I Nyoman Sumerta, Y15Eg299)  
 Source of sample: Mangrove sediment  
 Locality: Buru Park, Enggano  
 Cultivation: PDA, 25°C

***Candida albicans***

InaCC Number: InaCC **Y1571**  
 History: LIPI (I Nyoman Sumerta, Y15Eg266)  
 Source of sample: Mangrove sediment  
 Locality: Banjar Sari Village, Enggano District  
 Cultivation: PDA, 25°C

***Candida amphixiae***

InaCC Number: InaCC **Y899**  
 History: ← LIPI (A. Kanti, LIPI11-2-Y390) ← NITE (A. Yamazaki, ST05Le5-B2)  
 Other CC: NBRC 111288  
 Source of sample: Leaf  
 Locality: Mt. Salak, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Candida amphixiae***

InaCC Number: InaCC **Y850**  
 History: LIPI (A. Kanti, LIPI11-2-Y212) ← NITE (A. Yamazaki, ST05LE5-4)  
 Other CC: NBRC 111261  
 Source of sample: Leaf  
 Locality: Mt. Salak, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Candida amphixiae***

InaCC Number: InaCC **Y868**  
 History: LIPI (A. Kanti, LIPI11-2-Y293) ← NITE (A. Yamazaki, ST02F11-B1)

Other CC: NBRC 111269  
 Source of sample: Flower  
 Locality: Mt. Salak, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Candida amphixiae***

InaCC Number: InaCC **Y869**  
 History: LIPI (A. Kanti, LIPI11-2-Y295) ← NITE (A. Yamazaki, ST02F11-B3)  
 Other CC: NBRC 111270  
 Source of sample: Flower  
 Locality: Mt. Salak, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Candida apicola***

InaCC Number: InaCC **Y1089**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y070) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y070)  
 Source of sample: Fermented honey comb (MASERM-Lebah)  
 Locality: Bawah, Bukittinggi, West Sumatra  
 Cultivation: PDA

***Candida apicola***

InaCC Number: InaCC **Y1133**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y159) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y159)  
 Source of sample: Fermented honey comb (MASERM-Lebah)  
 Locality: Bawah, Bukittinggi, West Sumatra  
 Cultivation: PDA

***Candida apis***

InaCC Number: InaCC **Y118**  
 History: LIPI (Atit Kanti, LIPIMC 0223) ← LIPI (Atit Kanti, 71-1)  
 Source of sample: Trachea of a bee  
 Locality: Obtained from J.F.T. Spencer, P.R. Lab, Saskatoon, Canada  
 Cultivation: PDA



***Candida asiatica***InaCC Number: InaCC **Y1231**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y126) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y126)

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali

Cultivation: PDA

***Candida boidinii***InaCC Number: InaCC **Y1333**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y285) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y285)

Source of sample: Decayed wood

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida boidinii***InaCC Number: InaCC **Y1330**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y281) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y281)

Source of sample: Decayed wood

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida boidinii***InaCC Number: InaCC **Y1331**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y282) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y282)

Source of sample: Decayed wood

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida boidinii***InaCC Number: InaCC **Y1327**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y278) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y278)

Source of sample: Decayed wood

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida boidinii***InaCC Number: InaCC **Y1326**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y277) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y277)

Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida boidinii***InaCC Number: InaCC **Y1000**

History: LIPI (A. Kanti, LIPI12-2-Y372) ← NITE (A. Yamazaki, DS-05-6)

Other CC: NBRC 111346

Source of sample: Soil around palm tree

Locality: Dramaga protected forest, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Candida boidinii***InaCC Number: InaCC **Y1235**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y132) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y132)

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali

Cultivation: PDA

***Candida boidinii***InaCC Number: InaCC **Y1324**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y273) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y273)

Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida boidinii***InaCC Number: InaCC **Y1276**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y197) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y197)

Source of sample: Litter

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida boidinii***InaCC Number: InaCC **Y1271**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y191) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y191)

Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida boidinii***InaCC Number: InaCC **Y1279**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y200) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y200)

Source of sample: Litter

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida boidinii***InaCC Number: InaCC **Y1268**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y185) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y185)

Source of sample: Decayed wood

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida boidinii***InaCC Number: InaCC **Y1218**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y104) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y104)

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali

Cultivation: PDA

***Candida boidinii***InaCC Number: InaCC **Y1209**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y083) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y083)

Source of sample: Decayed wood

Locality: North Kuta, Badung, Bali

Cultivation: PDA

***Candida boidinii***InaCC Number: InaCC **Y874**

History: LIPI (A. Kanti, LIPI11-2-Y316) ← NITE (A. Yamazaki, ST03S4-4)

Other CC: NBRC 111274

Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Candida boidinii***InaCC Number: InaCC **Y1293**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y228) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y228)

Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida boidinii***InaCC Number: InaCC **Y1233**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y129) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y129)

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali

Cultivation: PDA

***Candida boidinii***InaCC Number: InaCC **Y1320**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y264) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y264)

Source of sample: Decayed wood

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida boidinii***InaCC Number: InaCC **Y1319**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y263) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y263)

Source of sample: Decayed wood

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida boidinii***InaCC Number: InaCC **Y797**

History: LIPI (A. Kanti, LIPI13-2-Y286) ← NITE (R. Kobayashi, XYA47-1)

Other CC: NBRC 110335

Source of sample: decayed wood

Locality: Anai Valley, Padang Panjang, West Sumatra, Indonesia

Cultivation: PDA

***Candida boleticola***InaCC Number: InaCC **Y1284**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y210) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y210)

Source of sample: Litter

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida catenulata***InaCC Number: InaCC **Y791**

History: LIPI (A. Kanti, LIPI13-2-Y271) ← NITE (R. Kobayashi, XYA15-1)

Other CC: NBRC 110329

Source of sample: Decayed wood

Locality: (close to hot spring area), Padang, West Sumatra, Indonesia

Cultivation: PDA

***Candida catenulata***InaCC Number: InaCC **Y803**

History: LIPI (A. Kanti, LIPI13-2-Y298) ← NITE (R. Kobayashi, XYG15-1)

Other CC: NBRC 110341

Source of sample: Decayed wood

Locality: (close to hot spring area), Padang, West Sumatra, Indonesia

Cultivation: PDA

***Candida catenulata***InaCC Number: InaCC **Y617**

History: LIPI (Atit Kanti, E.10%.2) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.16)

Source of sample: Tauco

Locality: Pasar Cirebon, Cirebon

Cultivation: PDA

***Candida cf. azyma***InaCC Number: InaCC **Y348**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.09)

Source of sample: Leaf of *Piper bettle*

Locality: Mt. Salak

Cultivation: PDA

***Candida cf. azyma***InaCC Number: InaCC **Y296**

History: LIPI (Atit Kanti, ) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.10)

Source of sample: Flower of *Piper bettle*, Mt. Salak

Locality: Mt. Salak

Cultivation: PDA

***Candida coipomoensis***InaCC Number: InaCC **Y1033**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y203) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y203)

Other CC: NBRC 111560

Source of sample: Decayed wood

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida coipomoensis***

InaCC Number: InaCC **Y1283**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y206) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y206)

Source of sample: Decayed wood

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida dendronema***

InaCC Number: InaCC **Y1361**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y331) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y331)

Source of sample: Decayed wood

Locality: Bogor Botanic Garden, Bogor, West Java

Cultivation: PDA

***Candida dendronema***

InaCC Number: InaCC **Y1348**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y311) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y311)

Source of sample: Litter

Locality: LIPI, Ecology Park, Cibinong, West Java

Cultivation: PDA

***Candida diversa***

InaCC Number: InaCC **Y1335**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y287) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y287)

Source of sample: Soil

Locality: LIPI, Ecology Park, Cibinong, West Java

Cultivation: PDA

***Candida diversa***

InaCC Number: InaCC **Y1342**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y298) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y298)

Source of sample: Soil

Locality: LIPI, Ecology Park, Cibinong, West Java

Cultivation: PDA

***Candida diversa***

InaCC Number: InaCC **Y1341**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y296) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y296)

Source of sample: Litter

Locality: LIPI, Ecology Park, Cibinong, West Java

Cultivation: PDA

***Candida dosseyi***

InaCC Number: InaCC **Y1543**

History: LIPI (I Nyoman Sumerta, Y15Eg035)

Source of sample: Soil around *Piper aduncum* plant

Locality: Meok Village, Enggano District

Cultivation: PDA, 25°C

***Candida ergastensis***

InaCC Number: InaCC **Y129**

History: LIPI (Atit Kanti, LIPIMC 0237) ← (J. Santa Maria in Spain, 80-53)

Source of sample: *Ergastes faber* by J. Santa Maria in Spain

Locality: "Obtained through S.A. Meyer, Atlanta, GA."

Cultivation: PDA

***Candida etchellsii***

InaCC Number: InaCC **Y615**

History: LIPI (Atit Kanti, E.2) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.14)

Source of sample: Tauco

Locality: Pasar Cirebon, Cirebon

Cultivation: PDA

***Candida etchellsii***InaCC Number: InaCC **Y1082**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y061) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y061)

Source of sample: Fermented soybean (tauco)

Locality: Bawah, Bukittingi, West Sumatra

Cultivation: PDA

***Candida etchellsii***InaCC Number: InaCC **Y1088**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y069) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y069)

Source of sample: Fermented honey comb (MASERM-Lebah)

Locality: Bawah, Bukittingi, West Sumatra

Cultivation: PDA

***Candida etchellsii***InaCC Number: InaCC **Y1135**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y161) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y161)

Source of sample: Fermented honey comb (MASERM-Lebah)

Locality: Bawah, Bukittingi, West Sumatra

Cultivation: PDA

***Candida etchellsii***InaCC Number: InaCC **Y1119**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y133) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y133)

Source of sample: Fermented soybean (tauco)

Locality: Rakyat Market, Solok, West Sumatra

Cultivation: PDA

***Candida etchellsii***InaCC Number: InaCC **Y1069**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y039) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y039)

Source of sample: Fermented soybean (tauco)

Locality: Rakyat Market, Solok, West Sumatra

Cultivation: PDA

***Candida etchellsii***InaCC Number: InaCC **Y639**

History: LIPI (Atit Kanti, K.2) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.44)

Source of sample: Tauco

Locality: Pasar Baru, Bandung

Cultivation: PDA

***Candida etchellsii***InaCC Number: InaCC **Y638**

History: LIPI (Atit Kanti, K.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.43)

Source of sample: Tauco

Locality: Pasar Baru, Bandung

Cultivation: PDA

***Candida ethanolica***InaCC Number: InaCC **Y1100**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y093) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y093)

Source of sample: Fermented fruit

Locality: Bander, Padang, West Sumatra

Cultivation: PDA

***Candida ethanolica***InaCC Number: InaCC **Y1151**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y185) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y185)

Source of sample: Fermented fruit

Locality: Bander, Padang, West Sumatra

Cultivation: PDA

***Candida floricola***InaCC Number: InaCC **Y1083**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y062) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y062)

Source of sample: Fermented soybean (tauco)

Locality: Bawah, Bukittinggi, West Sumatra  
Cultivation: PDA

***Candida floricola***

InaCC Number: InaCC **Y1128**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y150) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y150)  
Source of sample: Fermented soybean (tauco)  
Locality: Bawah, Bukittinggi, West Sumatra  
Cultivation: PDA

***Candida fructus***

InaCC Number: InaCC **Y1222**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y108) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y108)  
Source of sample: Decayed wood  
Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali  
Cultivation: PDA

***Candida glabrata***

InaCC Number: InaCC **Y1605**  
History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR064)  
Source of sample: Litter  
Locality: Mt. Jantan, Karimun Regency, Riau Islands  
Cultivation: PDA, 25°C

***Candida glabrata***

InaCC Number: InaCC **Y656**  
History: LIPI (Atit Kanti, M.15%G.1) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.65)  
Source of sample: Sedap malam  
Locality: Gardu Jati, Bandung  
Cultivation: PDA

***Candida glabrata***

InaCC Number: InaCC **Y1625**  
History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR110)  
Source of sample: Fermented glutinous rice

Locality: Maimun Market, Karimun Regency, Riau Islands  
Cultivation: PDA, 25°C

***Candida glabrata***

InaCC Number: InaCC **Y1249**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y154) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y154)  
Source of sample: Yeast (starter)  
Locality: Ubud Market, Ubud, Bali  
Cultivation: PDA

***Candida glabrata***

InaCC Number: InaCC **Y1121**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y139) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y139)  
Source of sample: Yeast (starter)  
Locality: Bawah, Bukittinggi, West Sumatra  
Cultivation: PDA

***Candida glabrata***

InaCC Number: InaCC **Y1115**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y127) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y127)  
Source of sample: Starter (yeast cake)  
Locality: Rakyat Market, Solok, West Sumatra  
Cultivation: PDA

***Candida glabrata***

InaCC Number: InaCC **Y1075**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y051) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y051)  
Source of sample: Yeast (starter)  
Locality: Bawah, Bukittinggi, West Sumatra  
Cultivation: PDA

***Candida glabrata***

InaCC Number: InaCC **Y1593**  
History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR031)  
Source of sample: Decay woods

Locality: Mt. Jantan, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Candida glabrata***

InaCC Number: InaCC **Y1579**

History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR004)

Source of sample: Litter

Locality: Mt. Jantan, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Candida glabrata***

InaCC Number: InaCC **Y1140**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y166) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y166)

Source of sample: Fermented black glutinous rice (lamang-tapai)

Locality: Bawah, Bukittinggi, West Sumatra

Cultivation: PDA

***Candida gotoi***

InaCC Number: InaCC **Y1225**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y113) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y113)

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali

Cultivation: PDA

***Candida gotoi***

InaCC Number: InaCC **Y1106**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y113) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y113)

Source of sample: Flower

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra

Cultivation: PDA

***Candida gotoi***

InaCC Number: InaCC **Y1053**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y011) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y011)

Source of sample: Flower

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra

Cultivation: PDA

***Candida guilliermondii***

InaCC Number: InaCC **Y5**

History: LIPI (Atit Kanti, LIPIMC 0005) ← LIPI (Susono Saono, Y11II/1)

Source of sample: Red oncom

Locality: Cianjur

Cultivation: PDA

***Candida guilliermondii***

InaCC Number: InaCC **Y9**

History: LIPI (Atit Kanti, LIPIMC 0009) ← LIPI (Susono Saono, Y38II/3)

Source of sample: Yeast

Locality: Bandung

Cultivation: PDA

***Candida guilliermondii***

InaCC Number: InaCC **Y8**

History: LIPI (Atit Kanti, LIPIMC 0008) ← LIPI (Susono Saono, Y35II/3)

Source of sample: Red oncom

Locality: Bandung

Cultivation: PDA

***Candida guilliermondii***

InaCC Number: InaCC **Y7**

History: LIPI (Atit Kanti, LIPIMC 0007) ← LIPI (Susono Saono, Y24II/3)

Source of sample: Yeast pasar

Locality: Garut

Cultivation: PDA

***Candida guilliermondii***InaCC Number: InaCC **Y6**

History: LIPI (Atit Kanti, LIPIMC 0006) ← LIPI (Susono Saono, Y16II/2)

Source of sample: Yams tapai

Locality: Sukabumi

Cultivation: PDA

***Candida hawaiiiana***InaCC Number: InaCC **Y744**

History: ← LIPI (A. Kanti, LIPI13-2-Y108) ← NITE (R. Kobayashi, YMG8-1)

Other CC: NBRC 110285

Source of sample: Leaf of pine

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia

Cultivation: PDA

***Candida hawaiiiana***InaCC Number: InaCC **Y1290**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y220) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y220)

Source of sample: Litter

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida hawaiiiana***InaCC Number: InaCC **Y1286**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y212) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y212)

Source of sample: Litter

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida hawaiiiana***InaCC Number: InaCC **Y1328**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y279) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y279)

Source of sample: Decayed wood

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida hawaiiiana***InaCC Number: InaCC **Y735**

History: LIPI (A. Kanti, LIPI13-2-Y008) ← NITE (R. Kobayashi, YMA8-2)

Other CC: NBRC 110276

Source of sample: Leaf of pine

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia

Cultivation: PDA

***Candida hawaiiiana***InaCC Number: InaCC **Y132**

History: LIPI (Atit Kanti, 12-505) ← LIPI (Atit Kanti, PLE.2.W.2)

Source of sample: Leaf

Locality: Protected Forest Papalia, South Konawe

Cultivation: PDA

***Candida hawaiiiana like new species***InaCC Number: InaCC **Y328**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, MKL.7.W.1)

Source of sample: Leaf litter

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: PDA

***Candida humilis***InaCC Number: InaCC **Y1102**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y097) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y097)

Source of sample: Fermented bamboo shoot

Locality: Ir. Haji Juanda, Padang, West Sumatra

Cultivation: PDA

***Candida humilis***InaCC Number: InaCC **Y1131**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y156) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y156)



Source of sample: Fermented bamboo shoot  
 Locality: Bawah, Bukittinggi, West Sumatra  
 Cultivation: PDA

***Candida humilis***

InaCC Number: InaCC **Y1132**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y157) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y157)  
 Source of sample: Water from fermented bamboo shoot  
 Locality: Bawah, Bukittinggi, West Sumatra  
 Cultivation: PDA

***Candida humilis***

InaCC Number: InaCC **Y1153**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y192) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y192)  
 Source of sample: Fermented bamboo shoot  
 Locality: Ir. Haji Juanda, Padang, West Sumatra  
 Cultivation: PDA

***Candida humilis***

InaCC Number: InaCC **Y1080**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y057) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y057)  
 Source of sample: Dadih  
 Locality: Bawah, Bukittinggi, West Sumatra  
 Cultivation: PDA

***Candida humilis***

InaCC Number: InaCC **Y1087**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y068) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y068)  
 Source of sample: Water from fermented bamboo shoot  
 Locality: Bawah, Bukittinggi, West Sumatra  
 Cultivation: PDA

***Candida humilis***

InaCC Number: InaCC **Y1086**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y066) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y066)  
 Source of sample: Fermented bamboo shoot  
 Locality: Bawah, Bukittinggi, West Sumatra  
 Cultivation: PDA

***Candida humilis***

InaCC Number: InaCC **Y1124**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y144) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y144)  
 Source of sample: Dadih  
 Locality: Bawah, Bukittinggi, West Sumatra  
 Cultivation: PDA

***Candida insectorum***

InaCC Number: InaCC **Y1181**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y032) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y032)  
 Source of sample: Decayed wood  
 Locality: Mangrove Information Center (MIC), Denpasar, Bali  
 Cultivation: PDA

***Candida insectorum***

InaCC Number: InaCC **Y1162**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y002) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y002)  
 Source of sample: Decayed wood  
 Locality: Mangrove Information Center (MIC), Denpasar, Bali  
 Cultivation: PDA

***Candida insectorum***

InaCC Number: InaCC **Y1165**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y005) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y005)  
 Source of sample: Decayed wood

Locality: Mangrove Information Center (MIC), Denpasar, Bali  
Cultivation: PDA

***Candida insectorum***

InaCC Number: InaCC **Y1169**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y013) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y013)  
Source of sample: Decayed wood  
Locality: Mangrove Information Center (MIC), Denpasar, Bali  
Cultivation: PDA

***Candida insectorum***

InaCC Number: InaCC **Y1172**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y019) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y019)  
Source of sample: Decayed wood  
Locality: Mangrove Information Center (MIC), Denpasar, Bali  
Cultivation: PDA

***Candida insectorum***

InaCC Number: InaCC **Y1542**  
History: LIPI (I Nyoman Sumerta, Y15Eg033)  
Source of sample: Soil around *Piper aduncum* plant  
Locality: Meok Village, Enggano District  
Cultivation: PDA, 25°C

***Candida intermedia***

InaCC Number: InaCC **Y1559**  
History: LIPI (I Nyoman Sumerta, Y15Eg173)  
Source of sample: Soil around coconut plant  
Locality: Banjar Sari Village, Enggano District  
Cultivation: PDA, 25°C

***Candida intermedia***

InaCC Number: InaCC **Y1245**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y150) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y150)

Source of sample: Fermented green glutinous rice (tapai)  
Locality: Ubud Market, Ubud, Bali  
Cultivation: PDA

***Candida intermedia***

InaCC Number: InaCC **Y437**  
History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.08.RA.031)  
Source of sample: Soil  
Locality: Waigeo, Raja Ampat, Papua  
Cultivation: PDA

***Candida intermedia***

InaCC Number: InaCC **Y212**  
History: LIPI (Atit Kanti) ← LIPI (Atit Kanti, PL.1.F.3)  
Source of sample: Litter  
Locality: Protected Forest Papalia, South Konawe  
Cultivation: PDA

***Candida intermedia***

InaCC Number: InaCC **Y324**  
History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, PL.6.W.2)  
Source of sample: Leaf litter  
Locality: Protected Forest Papalia, South Konawe  
Cultivation: PDA

***Candida jaroonii***

InaCC Number: InaCC **Y761**  
History: LIPI (A. Kanti, LIPI13-2-Y219) ← NITE (R. Kobayashi, DXA28-1)  
Other CC: NBRC 110301  
Source of sample: Decayed leaf of pine  
Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia  
Cultivation: PDA

***Candida jaroonii***

InaCC Number: InaCC **Y1263**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y177) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y177)

Source of sample: Decayed wood  
 Locality: Cibodas Botanic Garden, Cipanas,  
 West Java  
 Cultivation: PDA

***Candida jaroonii***

InaCC Number: InaCC **Y1264**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y179) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y179)  
 Source of sample: Decayed wood  
 Locality: Cibodas Botanic Garden, Cipanas,  
 West Java  
 Cultivation: PDA

***Candida jaroonii***

InaCC Number: InaCC **Y1338**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y293) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y293)  
 Source of sample: Litter  
 Locality: LIPI, Ecology Park, Cibinong, West  
 Java  
 Cultivation: PDA

***Candida jaroonii***

InaCC Number: InaCC **Y316**  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, PL.1.W.6)  
 Source of sample: Leaf litter  
 Locality: Protected Forest Papalia, South Konawe  
 Cultivation: PDA

***Candida jaroonii***

InaCC Number: InaCC **Y810**  
 History: LIPI (A. Kanti, LIPI13-2-Y311) ← NITE (R. Kobayashi, XYG29-1)  
 Other CC: NBRC 110348  
 Source of sample: Straw  
 Locality: Batusangkar, Tanah Datar, West  
 Sumatra, Indonesia  
 Cultivation: PDA

***Candida jaroonii***

InaCC Number: InaCC **Y964**  
 History: LIPI (A. Kanti, LIPI12-2-Y218) ← NITE (A. Yamazaki, Bank.11.Le.DP.1)  
 Other CC: NBRC 111324  
 Source of sample: Leaves  
 Locality: Bangkirai, Balikpapan, East  
 Kalimantan, Indonesia  
 Cultivation: YM agar, 25°C

***Candida jaroonii***

InaCC Number: InaCC **Y1285**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y211) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y211)  
 Source of sample: Litter  
 Locality: Cibodas Botanic Garden, Cipanas,  
 West Java  
 Cultivation: PDA

***Candida jaroonii***

InaCC Number: InaCC **Y1288**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y216) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y216)  
 Source of sample: Soil  
 Locality: Cibodas Botanic Garden, Cipanas,  
 West Java  
 Cultivation: PDA

***Candida jaroonii***

InaCC Number: InaCC **Y984**  
 History: LIPI (A. Kanti, LIPI12-2-Y299) ← NITE (A. Yamazaki, KB.02.Le.DP.1)  
 Other CC: NBRC 111336  
 Source of sample: Leaves  
 Locality: Berau, Balikpapan, East Kalimantan,  
 Indonesia  
 Cultivation: YM agar, 25°C

***Candida khao-thaluensis***

InaCC Number: InaCC **Y134**  
 History: LIPI (Atit Kanti, *Candida urieseae* like new sp) ← LIPI (Atit Kanti, PLE.3.W.3)  
 Source of sample: Leaf

Locality: Protected Forest Papalia, South Konawe  
Cultivation: PDA

***Candida khao-thaluensis***

InaCC Number: InaCC **Y895**  
History: LIPI (A. Kanti, LIPI11-2-Y385) ← NITE (A. Yamazaki, ST05Le5-2.3)  
Other CC: NBRC 111284  
Source of sample: Leaf  
Locality: Mt. Salak, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Candida maesa***

InaCC Number: InaCC **Y1237**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y139) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y139)  
Source of sample: Decayed wood  
Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali  
Cultivation: PDA

***Candida maesa***

InaCC Number: InaCC **Y1028**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y134) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y134)  
Other CC: NBRC 111555  
Source of sample: Decayed wood  
Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali  
Cultivation: PDA

***Candida maritima***

InaCC Number: InaCC **Y79**  
Source of sample: Water and eggs of shrimp  
Locality: Atlantic Ocean  
Cultivation: PDA

***Candida maritima***

InaCC Number: InaCC **Y1229**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y118) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y118)  
Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali  
Cultivation: PDA

***Candida maritima***

InaCC Number: InaCC **Y1189**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y043) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y043)  
Source of sample: Decayed wood  
Locality: Mangrove Information Center (MIC), Denpasar, Bali  
Cultivation: PDA

***Candida mesenterica***

InaCC Number: InaCC **Y16**  
History: LIPI (Atit Kanti, LIPIMC 0016) ← LIPI (Susono Saono, Y19II/2)  
Source of sample: Black oncom  
Locality: Sukabumi  
Cultivation: PDA

***Candida mesenterica***

InaCC Number: InaCC **Y15**  
History: LIPI (Atit Kanti, LIPIMC 0015) ← LIPI (Susono Saono, Y3II/2)  
Source of sample: Black oncom  
Locality: Bogor  
Cultivation: PDA

***Candida mesenterica***

InaCC Number: InaCC **Y14**  
History: LIPI (Atit Kanti, LIPIMC 0014) ← LIPI (Susono Saono, Y3II/1)  
Source of sample: Black oncom  
Locality: Bogor  
Cultivation: PDA

***Candida mesenterica***

InaCC Number: InaCC **Y17**  
History: LIPI (Atit Kanti, LIPIMC 0017) ← LIPI (Susono Saono, Y21II/2)  
Source of sample: Black oncom  
Locality: Sukabumi  
Cultivation: PDA

***Candida mesorugosa***

InaCC Number: InaCC **Y1569**  
 History: LIPI (I Nyoman Sumerta, Y15Eg262)  
 Source of sample: Mangrove Sedimen  
 Locality: Belau water source, Meok, Enggano  
 Cultivation: PDA, 25°C

***Candida metapsilosis***

InaCC Number: InaCC **Y1070**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y041) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y041)  
 Source of sample: BER-RACHAN with shrimp (terasi)  
 Locality: Rakyat Market, Solok, West Sumatra  
 Cultivation: PDA

***Candida metapsilosis***

InaCC Number: InaCC **Y1565**  
 History: LIPI (I Nyoman Sumerta, Y15Eg225)  
 Source of sample: Cacao waste  
 Locality: Meok Village, Enggano District  
 Cultivation: PDA, 25°C

***Candida natalensis***

InaCC Number: InaCC **Y1281**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y204) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y204)  
 Source of sample: Decayed wood  
 Locality: Cibodas Botanic Garden, Cipanas, West Java  
 Cultivation: PDA

***Candida natalensis***

InaCC Number: InaCC **Y1343**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y299) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y299)  
 Source of sample: Soil  
 Locality: LIPI, Ecology Park, Cibinong, West Java  
 Cultivation: PDA

***Candida natalensis***

InaCC Number: InaCC **Y1356**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y326) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y326)  
 Source of sample: Decayed wood  
 Locality: Bogor Botanic Garden, Bogor, West Java  
 Cultivation: PDA

***Candida natalensis***

InaCC Number: InaCC **Y1547**  
 History: LIPI (I Nyoman Sumerta, Y15Eg057)  
 Source of sample: *Coctus* sp. flower  
 Locality: Taman Buru Village, Enggano District  
 Cultivation: PDA, 25°C

***Candida natalensis***

InaCC Number: InaCC **Y1544**  
 History: LIPI (I Nyoman Sumerta, Y15Eg036)  
 Source of sample: Soil around *Piper aduncum* plant  
 Locality: Meok Village, Enggano District  
 Cultivation: PDA, 25°C

***Candida natalensis***

InaCC Number: InaCC **Y801**  
 History: LIPI (A. Kanti, LIPI13-2-Y290) ← NITE (R. Kobayashi, XYA50-2)  
 Other CC: NBRC 110339  
 Source of sample: decayed wood  
 Locality: Near waterfall, Anai River, Padang Panjang, West Sumatra, Indonesia  
 Cultivation: PDA

***Candida nitrativorans***

InaCC Number: InaCC **Y1182**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y033) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y033)  
 Source of sample: Decayed wood  
 Locality: Mangrove Information Center (MIC), Denpasar, Bali  
 Cultivation: PDA

***Candida nitrativorans***InaCC Number: InaCC **Y1173**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y020) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y020)

Source of sample: Decayed wood

Locality: Mangrove Information Center (MIC), Denpasar, Bali

Cultivation: PDA

***Candida nitrativorans***InaCC Number: InaCC **Y1184**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y036) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y036)

Source of sample: Decayed wood

Locality: Mangrove Information Center (MIC), Denpasar, Bali

Cultivation: PDA

***Candida nitrativorans***InaCC Number: InaCC **Y1161**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y001) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y001)

Source of sample: Decayed wood

Locality: Mangrove Information Center (MIC), Denpasar, Bali

Cultivation: PDA

***Candida nitrativorans***InaCC Number: InaCC **Y1185**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y037) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y037)

Source of sample: Decayed wood

Locality: Mangrove Information Center (MIC), Denpasar, Bali

Cultivation: PDA

***Candida nitrativorans***InaCC Number: InaCC **Y1149**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y181) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y181)

Source of sample: Flower

Locality: Anai River, Padang Panjang, West Sumatra

Cultivation: PDA

***Candida oleophila***InaCC Number: InaCC **Y427**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.TP.050)

Source of sample: Soil

Locality: Tanjung Peropa, South East Sulawesi

Cultivation: PDA

***Candida oleophila***InaCC Number: InaCC **Y416**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.TP.003)

Source of sample: Leaf

Locality: Tanjung Peropa, South East Sulawesi

Cultivation: PDA

***Candida oleophila***InaCC Number: InaCC **Y417**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.TP.006)

Source of sample: Leaf

Locality: Tanjung Peropa, South East Sulawesi

Cultivation: PDA

***Candida oleophila***InaCC Number: InaCC **Y431**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.TP.005)

Source of sample: Leaf

Locality: Tanjung Peropa, South East Sulawesi

Cultivation: PDA

***Candida oleophila***InaCC Number: InaCC **Y372**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.50)

Source of sample: Litter of *Piper bettle*

Locality: Mt. Salak

Cultivation: PDA

***Candida oleophila***

InaCC Number: InaCC Y371

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.49)

Source of sample: Litter of *Piper bettle*

Locality: Mount Salak

Cultivation: PDA

***Candida oleophila***

InaCC Number: InaCC Y306

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.48)

Source of sample: Leaf of *Piper bettle*, Mt. Salak

Locality: Mt. Salak

Cultivation: PDA

***Candida orthopsilosis***

InaCC Number: InaCC Y681

History: LIPI (Atit Kanti, Q.30%G.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.92)

Source of sample: Pickles

Locality: Gardu Jati, Bandung

Cultivation: PDA

***Candida orthopsilosis***

InaCC Number: InaCC Y675

History: LIPI (Atit Kanti, P.15%G.2) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.85)

Source of sample: Terasi (shrimp paste)

Locality: Gardu Jati, Bandung

Cultivation: PDA

***Candida orthopsilosis***

InaCC Number: InaCC Y302

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.34)

Source of sample: Leaf of *Piper bettle*, Mt. Salak

Locality: Mt. Salak

Cultivation: PDA

***Candida orthopsilosis***

InaCC Number: InaCC Y739

History: LIPI (A. Kanti, LIPI13-2-Y045) ← NITE (R. Kobayashi, YMA27-3)

Other CC: NBRC 110280

Source of sample: decayed wood (pine)

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia

Cultivation: PDA

***Candida orthopsilosis***

InaCC Number: InaCC Y679

History: LIPI (Atit Kanti, Q.15%.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.90)

Source of sample: Pickles

Locality: Gardu Jati, Bandung

Cultivation: PDA

***Candida orthopsilosis***

InaCC Number: InaCC Y746

History: LIPI (A. Kanti, LIPI13-2-Y119) ← NITE (R. Kobayashi, YMG14-3)

Other CC: NBRC 110287

Source of sample: Leaf of pine

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia

Cultivation: PDA

***Candida orthopsilosis***

InaCC Number: InaCC Y1114

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y126) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y126)

Source of sample: Water from fermented white glutinous rice (tapai)

Locality: Rakyat Market, Solok, West Sumatra

Cultivation: PDA

***Candida orthopsilosis***

InaCC Number: InaCC Y676

History: LIPI (Atit Kanti, P.30%G.2) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.87)

Source of sample: Terasi

Locality: Gardu Jati, Bandung  
Cultivation: PDA

***Candida orthopsilosis***

InaCC Number: InaCC **Y747**  
History: LIPI (A. Kanti, LIPI13-2-Y135) ← NITE (R. Kobayashi, YMG27-1)  
Other CC: NBRC 110288  
Source of sample: Decayed wood (pine)  
Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia  
Cultivation: PDA

***Candida orthopsilosis***

InaCC Number: InaCC **Y678**  
History: LIPI (Atit Kanti, Q.10%.1) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.89)  
Source of sample: Pickles  
Locality: Gardu Jati, Bandung  
Cultivation: PDA

***Candida orthopsilosis***

InaCC Number: InaCC **Y1056**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y020) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y020)  
Source of sample: Flower  
Locality: Janiah River, Padang, West Sumatra  
Cultivation: PDA

***Candida orthopsilosis***

InaCC Number: InaCC **Y1599**  
History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR042)  
Source of sample: Leaf  
Locality: Mt. Betina, Karimun Regency, Riau Islands  
Cultivation: PDA, 25°C

***Candida orthopsilosis***

InaCC Number: InaCC **Y680**  
History: LIPI (Atit Kanti, Q.15%G.1) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.91)  
Source of sample: Pickles

Locality: Gardu Jati, Bandung  
Cultivation: PDA

***Candida orthopsilosis***

InaCC Number: InaCC **Y618**  
History: LIPI (Atit Kanti, E.15%.1) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.17)  
Source of sample: Tauco  
Locality: Cirebon Market, Cirebon  
Cultivation: PDA

***Candida orthopsilosis***

InaCC Number: InaCC **Y1600**  
History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR043)  
Source of sample: Leaf  
Locality: Mt. Betina, Karimun Regency, Riau Islands  
Cultivation: PDA, 25°C

***Candida orthopsilosis***

InaCC Number: InaCC **Y1171**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y018) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y018)  
Source of sample: Insects such as termites  
Locality: Mangrove Information Center (MIC), Denpasar, Bali  
Cultivation: PDA

***Candida orthopsilosis***

InaCC Number: InaCC **Y619**  
History: LIPI (Atit Kanti, E.15%.2) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.18)  
Source of sample: Tauco  
Locality: Pasar Cirebon, Cirebon  
Cultivation: PDA

***Candida orthopsilosis***

InaCC Number: InaCC **Y1175**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y022) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y022)  
Source of sample: Decayed wood



Locality: Mangrove Information Center (MIC), Denpasar, Bali  
Cultivation: PDA

***Candida orthopsilosis***

InaCC Number: InaCC **Y1179**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y030) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y030)  
Source of sample: Decayed wood  
Locality: Mangrove Information Center (MIC), Denpasar, Bali  
Cultivation: PDA

***Candida orthopsilosis***

InaCC Number: InaCC **Y674**  
History: LIPI (Atit Kanti, P.15%G.1) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.84)  
Source of sample: Terasi  
Locality: Gardu Jati, Bandung  
Cultivation: PDA

***Candida palmioleophila***

InaCC Number: InaCC **Y1174**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y021) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y021)  
Source of sample: Decayed wood  
Locality: Mangrove Information Center (MIC), Denpasar, Bali  
Cultivation: PDA

***Candida palmioleophila***

InaCC Number: InaCC **Y935**  
History: LIPI (A. Kanti, LIPI12-2-Y130) ← NITE (A. Yamazaki, Mhk01-S01-6)  
Other CC: NBRC 111303  
Source of sample: Soil  
Locality: Mahakam River, Balikpapan, East Kalimantan, Indonesia  
Cultivation: YM agar, 25°C

***Candida paludigena***

InaCC Number: InaCC **Y920**  
History: LIPI (A. Kanti, LIPI12-2-Y061) ← NITE (A. Yamazaki, Bank02-S01-3)  
Other CC: NBRC 111294  
Source of sample: Soil  
Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia (Latitude: S1°1'44", Longitude: E116°52'2")  
Cultivation: YM agar, 25°C

***Candida paludigena***

InaCC Number: InaCC **Y921**  
History: LIPI (A. Kanti, LIPI12-2-Y062) ← NITE (A. Yamazaki, Bank03-S01-1)  
Other CC: NBRC 111295  
Source of sample: Soil  
Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia  
Cultivation: YM agar, 25°C

***Candida parapsilosis***

InaCC Number: InaCC **Y1142**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y170) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y170)  
Source of sample: Dadih  
Locality: Bawah, Bukittinggi, West Sumatra  
Cultivation: PDA

***Candida parapsilosis***

InaCC Number: InaCC **Y24**  
History: LIPI (Atit Kanti, LIPIMC 0024) ← LIPI (Susono Saono, G19I/1)  
Source of sample: Oil saturated soil  
Locality: Semanggi, Cepu  
Cultivation: PDA

***Candida parapsilosis***

InaCC Number: InaCC **Y1414**  
History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y206=ST03LE5-6) ← LIPI (Atit Kanti, JSAT11-2-Y206)  
Source of sample: Soil under salak (*Salacca edulis*)

Locality: Mt. Salak, Bogor, West Java  
Cultivation: YM agar, 25°C

***Candida parapsilosis***

InaCC Number: InaCC **Y1490**  
History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y110=Bank08-S01-9) ← NITE (Atsushi Yamazaki, JSAT12-2-Y110)  
Source of sample: Soil  
Locality: Bangkirai, Balikpapan, East Kalimantan  
Cultivation: YM agar, 25°C

***Candida parapsilosis***

InaCC Number: InaCC **Y11**  
History: LIPI (Atit Kanti, LIPIMC 0011) ← LIPI (Susono Saono, Y15II/1)  
Source of sample: Yams tapai  
Locality: Sukabumi  
Cultivation: PDA

***Candida parapsilosis***

InaCC Number: InaCC **Y23**  
History: LIPI (Atit Kanti, LIPIMC 0023) ← LIPI (Susono Saono, G18II/2)  
Source of sample: Black oncom  
Locality: Sukabumi  
Cultivation: PDA

***Candida parapsilosis***

InaCC Number: InaCC **Y22**  
History: LIPI (Atit Kanti, LIPIMC 0022) ← LIPI (Susono Saono, G16II/1)  
Source of sample: Oil saturated soil  
Locality: Nglobo, Cepu  
Cultivation: PDA

***Candida parapsilosis***

InaCC Number: InaCC **Y10**  
History: LIPI (Atit Kanti, LIPIMC 0010) ← LIPI (Susono Saono, Y15II/1)  
Source of sample: Yams tapai  
Locality: Sukabumi  
Cultivation: PDA

***Candida parapsilosis***

InaCC Number: InaCC **Y1428**  
History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y247=ST01Li5-B1) ← NITE (Atsushi Yamazaki, JSAT11-2-Y247)  
Source of sample: Litter  
Locality: Mt. Salak, Bogor, West Java  
Cultivation: YM agar, 25°C

***Candida parapsilosis***

InaCC Number: InaCC **Y21**  
History: LIPI (Atit Kanti, LIPIMC 0021) ← LIPI (Susono Saono, Y13II/1)  
Source of sample: Red oncom  
Locality: Cianjur  
Cultivation: PDA

***Candida parapsilosis***

InaCC Number: InaCC **Y20**  
History: LIPI (Atit Kanti, LIPIMC 0020) ← LIPI (Susono Saono, G13I/2)  
Source of sample: Oil saturated soil  
Locality: Ledok, Cepu  
Cultivation: PDA

***Candida parapsilosis***

InaCC Number: InaCC **Y303**  
History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.35)  
Source of sample: Leaf of *Piper bettle*, Mt. Salak  
Locality: Mount Salak  
Cultivation: PDA

***Candida parapsilosis***

InaCC Number: InaCC **Y26**  
History: LIPI (Atit Kanti, LIPIMC 0026) ← LIPI (Susono Saono, G19II/2)  
Source of sample: Oil saturated soil  
Locality: Semanggi, Cepu  
Cultivation: PDA

***Candida parapsilosis***

InaCC Number: InaCC Y25

History: LIPI (Atit Kanti, LIPIMC 0025) ← LIPI (Susono Saono, G19I/2)

Source of sample: Oil saturated soil

Locality: Semanggi, Cepu

Cultivation: PDA

***Candida parapsilosis***

InaCC Number: InaCC Y1442

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y291=ST02Le5-B2) ← NITE (Atsushi Yamazaki, JSAT11-2-Y291)

Source of sample: Soil under tea plant (*Camellia sinensis*)

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Candida parapsilosis***

InaCC Number: InaCC Y27

History: LIPI (Atit Kanti, LIPIMC 0027) ← LIPI (Susono Saono, Y25II/1)

Source of sample: Red oncom

Locality: Sukabumi

Cultivation: PDA

***Candida parapsilosis***

InaCC Number: InaCC Y12

History: LIPI (Atit Kanti, LIPIMC 0012) ← LIPI (Susono Saono, Y16II/1)

Source of sample: Yams tapai

Locality: Sukabumi

Cultivation: PDA

***Candida peliculosa***

InaCC Number: InaCC Y35

History: LIPI (Atit Kanti, LIPIMC 0036) ← LIPI (Susono Saono, Y24II/1)

Source of sample: Market yeast

Locality: Garut

Cultivation: PDA

***Candida peliculosa***

InaCC Number: InaCC Y38

History: LIPI (Atit Kanti, LIPIMC 0039) ← LIPI (Susono Saono, Y29II/1)

Source of sample: Black oncom

Locality: Garut

Cultivation: PDA

***Candida peliculosa***

InaCC Number: InaCC Y34

History: LIPI (Atit Kanti, LIPIMC 0035) ← LIPI (Susono Saono, Y23II/3)

Source of sample: Red oncom

Locality: Sukabumi

Cultivation: PDA

***Candida phangngensis***

InaCC Number: InaCC Y1575

History: LIPI (I Nyoman Sumerta, Y15Eg301)

Source of sample: Mangrove sediment

Locality: Buru Park, Enggano

Cultivation: PDA, 25°C

***Candida pseudointermedia***

InaCC Number: InaCC Y315

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, PL.1.W.5)

Source of sample: Leaf litter

Locality: Protected Forest Papalia, South Konawe

Cultivation: PDA

***Candida pseudolambica***

InaCC Number: InaCC Y1052

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y249 ) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y349-2)

Other CC: NBRC 111579

Source of sample: Litter

Locality: West Bogor, Bogor, West Java

Cultivation: PDA

***Candida pseudolambica***

InaCC Number: InaCC Y937  
 History: LIPI (A. Kanti, LIPI12-2-Y136) ← NITE (A. Yamazaki, GP8-S09)  
 Other CC: NBRC 111305  
 Source of sample: Soil  
 Locality: Mt. Pancar, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Candida pseudolambica***

InaCC Number: InaCC Y1568  
 History: LIPI (I Nyoman Sumerta, Y15Eg256)  
 Source of sample: Mangrove sediment  
 Locality: Belau water source, Meok, Enggano  
 Cultivation: PDA, 25°C

***Candida quercitrusa***

InaCC Number: InaCC Y1541  
 History: LIPI (I Nyoman Sumerta, Y15Eg032)  
 Source of sample: Soil around *Melastoma malabatricum* plant  
 Locality: Meok Village, Enggano District  
 Cultivation: PDA, 25°C

***Candida quercitrusa***

InaCC Number: InaCC Y292  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.01)  
 Source of sample: Leaf of *Piper bettle*, Mt. Salak  
 Locality: Mt. Salak  
 Cultivation: PDA

***Candida quercitrusa***

InaCC Number: InaCC Y361  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.25)  
 Source of sample: Leaf of *Piper bettle*  
 Locality: Mt. Salak  
 Cultivation: PDA

***Candida quercitrusa***

InaCC Number: InaCC Y359  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.22)

Source of sample: Leaf of *Piper bettle*

Locality: Mt. Salak

Cultivation: PDA

***Candida quercitrusa***

InaCC Number: InaCC Y294  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.04)  
 Source of sample: Leaf of *Piper bettle*, Mt. Salak  
 Locality: Mount Salak  
 Cultivation: PDA

***Candida quercitrusa***

InaCC Number: InaCC Y355  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.17)  
 Source of sample: Leaf of *Piper bettle*  
 Locality: Mount Salak  
 Cultivation: PDA

***Candida quercitrusa***

InaCC Number: InaCC Y257  
 History: LIPI (Atit Kanti, LIPIMC 0988) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.07)  
 Source of sample: Flower of *Piper bettle*, Mt. Salak  
 Locality: Mt. Salak  
 Cultivation: PDA

***Candida quercitrusa***

InaCC Number: InaCC Y426  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.TP.007)  
 Source of sample: Leaf  
 Locality: Tanjung Peropa, South East Sulawesi  
 Cultivation: PDA

***Candida quercitrusa***

InaCC Number: InaCC Y272  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.08)  
 Source of sample: Leaf of *Piper bettle*, Bali  
 Locality: Bali  
 Cultivation: PDA

***Candida quercitrusa***

InaCC Number: InaCC Y354

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.15)

Source of sample: Leaf of *Piper bettle*

Locality: Mount Salak

Cultivation: PDA

***Candida quercitrusa***

InaCC Number: InaCC Y332

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.BS.06)

Source of sample: Leaf of *Piper bettle*, Bali

Locality: Bali

Cultivation: PDA

***Candida quercitrusa***

InaCC Number: InaCC Y352

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.13)

Source of sample: Leaf of *Piper bettle*

Locality: Mt. Salak

Cultivation: PDA

***Candida quercitrusa***

InaCC Number: InaCC Y353

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.14)

Source of sample: Leaf of *Piper bettle*

Locality: Mt. Salak

Cultivation: PDA

***Candida quercitrusa***

InaCC Number: InaCC Y1006

History: LIPI (A. Kanti, LIPI12-2-Y390) ← NITE (A. Yamazaki, DS-14-2)

Other CC: NBRC 111350

Source of sample: Soil

Locality: Dramaga Protected Forest, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Candida quercitrusa***

InaCC Number: InaCC Y298

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.21)

Source of sample: Leaf of *Piper bettle*, Mt. Salak

Locality: Mount Salak

Cultivation: PDA

***Candida quercitrusa***

InaCC Number: InaCC Y357

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.19)

Source of sample: Leaf of *Piper bettle*

Locality: Mt. Salak

Cultivation: PDA

***Candida quercitrusa***

InaCC Number: InaCC Y347

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.06)

Source of sample: Leaf of *Piper bettle*

Locality: Mt. Salak

Cultivation: PDA

***Candida quercitrusa***

InaCC Number: InaCC Y363

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.57)

Source of sample: Leaf of *Piper bettle*

Locality: Mt. Salak

Cultivation: PDA

***Candida quercitrusa***

InaCC Number: InaCC Y360

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.23)

Source of sample: Leaf of *Piper bettle*

Locality: Mt. Salak

Cultivation: PDA

***Candida quercitrusa***

InaCC Number: InaCC Y365

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.33)

Source of sample: Litter of *Piper bettle*

Locality: Mt. Salak

Cultivation: PDA

***Candida quercuum***

InaCC Number: InaCC **Y130**

History: LIPI (Atit Kanti, LIPIMC 0238) ← JCM (Nakase, 80-63)

Source of sample: Exudate of *Quercus serrata* in Japan by Nakase

Locality: "Obtained through S.A. Meyer, Atlanta, GA." Japan

Cultivation: PDA

***Candida railenensis***

InaCC Number: InaCC **Y862**

History: ← LIPI (A. Kanti, LIPI11-2-Y267) ← NITE (A. Yamazaki, ST02S4-3)

Other CC: NBRC 111264

Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Candida rancensis***

InaCC Number: InaCC **Y1023**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y120) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y120)

Other CC: NBRC 111550

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali (8°16'20.1" S, 115°9'0.48" E)

Cultivation: PDA

***Candida rhagii***

InaCC Number: InaCC **Y107**

History: LIPI (Atit Kanti, LIPIMC 0211) ← LIPI (Atit Kanti, 61-20W)

Source of sample: *Harpium inquisitor* (cerambycid beetle)

Locality: Germany

Cultivation: PDA

***Candida rhagii***

InaCC Number: InaCC **Y46**

History: LIPI (Atit Kanti, LIPIMC 0048) ← LIPI (Susono Saono, YIII/1)

Source of sample: Yeast

Locality: Bogor

Cultivation: PDA

***Candida sake***

InaCC Number: InaCC **Y96**

History: LIPI (Atit Kanti, LIPIMC 0197) ← LIPI (Atit Kanti, 51-18)

Source of sample: Sake-moto yeast

Locality: Received from CBS 03/51 Japan.

Cultivation: PDA

***Candida saopaulonensis***

InaCC Number: InaCC **Y370**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.47)

Source of sample: Litter of *Piper bettle*

Locality: Mt. Salak

Cultivation: PDA

***Candida saopaulonensis***

InaCC Number: InaCC **Y304**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.45)

Source of sample: Leaf of *Piper bettle*, Mt. Salak

Locality: Mt. Salak

Cultivation: PDA

***Candida saopaulonensis***

InaCC Number: InaCC **Y305**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.46)

Source of sample: Leaf of *Piper bettle*, Mt. Salak

Locality: Mt. Salak

Cultivation: PDA

***Candida saopaulonensis***

InaCC Number: InaCC **Y796**

History: ← LIPI (A. Kanti, LIPI13-2-Y284) ← NITE (R. Kobayashi, XYA29-2)

Other CC: NBRC 110334

Source of sample: Straw

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia

Cultivation: PDA

***Candida silvae***

InaCC Number: InaCC **Y802**

History: LIPI (A. Kanti, LIPI13-2-Y296) ← NITE (R. Kobayashi, XYG7-3)

Other CC: NBRC 110340

Source of sample: Decayed wood

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia

Cultivation: PDA

***Candida silvae***

InaCC Number: InaCC **Y1156**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y265) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y265)

Source of sample: Decayed wood

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra

Cultivation: PDA

***Candida silvae***

InaCC Number: InaCC **Y809**

History: ← LIPI (A. Kanti, LIPI13-2-Y310) ← NITE (R. Kobayashi, XYG28-4)

Other CC: NBRC 110347

Source of sample: Decayed leaf of pine

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia

Cultivation: PDA

***Candida silvae***

InaCC Number: InaCC **Y800**

History: ← LIPI (A. Kanti, LIPI13-2-Y289) ← NITE (R. Kobayashi, XYA50-1)

Other CC: NBRC 110338

Source of sample: Decayed wood

Locality: Near waterfall, Anai River, Padang Panjang, West Sumatra, Indonesia

Cultivation: PDA

***Candida silvae***

InaCC Number: InaCC **Y1273**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y193) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y193)

Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida silvae***

InaCC Number: InaCC **Y1157**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y270-1) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y270-1)

Source of sample: Decayed wood

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra

Cultivation: PDA

***Candida silvae***

InaCC Number: InaCC **Y792**

History: ← LIPI (A. Kanti, LIPI13-2-Y274-1) ← NITE (R. Kobayashi, XYA26-1-1)

Other CC: NBRC 110330

Source of sample: Woodchip

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia

Cultivation: PDA

***Candida silvae***

InaCC Number: InaCC **Y806**

History: LIPI (A. Kanti, LIPI13-2-Y303) ← NITE (R. Kobayashi, XYG26-4)

Other CC: NBRC 110344

Source of sample: Woodchip

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia

Cultivation: PDA

***Candida silvae***

InaCC Number: InaCC **Y750**

History: LIPI (A. Kanti, LIPI13-2-Y184) ← NITE (R. Kobayashi, YMG57-2-1)

Other CC: NBRC 110291

Source of sample: Decayed wood

Locality: Anai Valley, Padang Panjang, West Sumatra, Indonesia

Cultivation: PDA

***Candida silvae***

InaCC Number: InaCC Y795

History: ← LIPI (A. Kanti, LIPI13-2-Y283) ← NITE (R. Kobayashi, XYA29-1)

Other CC: NBRC 110333

Source of sample: Straw

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia

Cultivation: PDA

***Candida silvae***

InaCC Number: InaCC Y1297

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y234) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y234)

Source of sample: Decayed Wood

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida silvae***

InaCC Number: InaCC Y1298

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y235) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y235)

Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida silvae***

InaCC Number: InaCC Y794

History: LIPI (A. Kanti, LIPI13-2-Y281) ← NITE (R. Kobayashi, XYA28-1)

Other CC: NBRC 110332

Source of sample: Decayed leaf of pine

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia

Cultivation: PDA

***Candida silvae***

InaCC Number: InaCC Y798

History: LIPI (A. Kanti, LIPI13-2-Y287-1) ← NITE (R. Kobayashi, XYA47-2-1)

Other CC: NBRC 110336

Source of sample: Decayed wood

Locality: Anai valley, Padang Panjang, West Sumatra, Indonesia

Cultivation: PDA

***Candida silvae***

InaCC Number: InaCC Y742

History: ← LIPI (A. Kanti, LIPI13-2-Y090) ← NITE (R. Kobayashi, YMA57-2-1)

Other CC: NBRC 110283

Source of sample: Decayed wood

Locality: Anai Valley, Padang Panjang, West Sumatra, Indonesia

Cultivation: PDA

***Candida silvae***

InaCC Number: InaCC Y1312

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y254) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y254)

Source of sample: Litter

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida silvae***

InaCC Number: InaCC Y1311

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y253) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y253)

Source of sample: Litter

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida silvae***

InaCC Number: InaCC Y1097

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y086) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y086)



Source of sample: Flower

Locality: Anai River, Padang Panjang, West Sumatra

Cultivation: PDA

***Candida silvae***

InaCC Number: InaCC **Y788**

History: LIPI (A. Kanti, LIPI13-2-Y264) ← NITE (R. Kobayashi, XYA4-1)

Other CC: NBRC 110326

Source of sample: Decayed wood

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia

Cultivation: PDA

***Candida silvae***

InaCC Number: InaCC **Y1282**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y205) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y205)

Source of sample: Decayed Wood

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: pDA

***Candida silvae***

InaCC Number: InaCC **Y790**

History: ← LIPI (A. Kanti, LIPI13-2-Y269) ← NITE (R. Kobayashi, XYA7-5)

Other CC: NBRC 110328

Source of sample: Decayed wood

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia

Cultivation: PDA

***Candida solani***

InaCC Number: InaCC **Y49**

History: LIPI (Atit Kanti, LIPIMC 0052) ← LIPI (Susono Saono, Y34II/4)

Source of sample: Yeast

Locality: Bandung

Cultivation: PDA

***Candida solani***

InaCC Number: InaCC **Y48**

History: LIPI (Atit Kanti, LIPIMC 0051) ← LIPI (Susono Saono, Y22II/2)

Source of sample: Red oncom

Locality: Sukabumi

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC **Y18**

History: LIPI (Atit Kanti, LIPIMC 0018) ← LIPI (Susono Saono, Y2II/2)

Source of sample: Yams tapai

Locality: Bogor

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC **Y19**

History: LIPI (Atit Kanti, LIPIMC 0019) ← LIPI (Susono Saono, Y8II/2)

Source of sample: Yams tapai

Locality: Cianjur

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC **Y28**

History: LIPI (Atit Kanti, LIPIMC 0029) ← LIPI (Susono Saono, Y34II/2)

Source of sample: Yeast

Locality: Bandung

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC **Y29**

History: LIPI (Atit Kanti, LIPIMC 0030) ← LIPI (Susono Saono, Y34II/2)

Source of sample: Yeast

Locality: Bandung

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC **Y36**

History: LIPI (Atit Kanti, LIPIMC 0037) ← LIPI (Susono Saono, Y28II/3)

Source of sample: Yeast

Locality: Garut

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC Y37

History: LIPI (Atit Kanti, LIPIMC 0038) ← LIPI (Susono Saono, Y28II/3)

Source of sample: Yeast

Locality: Garut

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC Y47

History: LIPI (Atit Kanti, LIPIMC 0049) ← LIPI (Susono Saono, Y6II/2a)

Source of sample: Black oncom

Locality: Bogor

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC Y50

History: LIPI (Atit Kanti, LIPIMC 0053) ← LIPI (Susono Saono, Y48II/2)

Source of sample: Yeast

Locality: Karawang

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC Y51

History: LIPI (Atit Kanti, LIPIMC 0054) ← LIPI (Susono Saono, Y49II/2)

Source of sample: Yeast

Locality: Karawang

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC Y53

History: LIPI (Atit Kanti, LIPIMC 0057) ← LIPI (Susono Saono, Y12II/2)

Source of sample: Red oncom

Locality: Cianjur

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC Y72

History: LIPI (Atit Kanti, LIPIMC 0095) ← LIPI (Atit Kanti, CI/4.2)

Source of sample: Tapai yeast

Locality: Cianjur

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC Y73

History: LIPI (Atit Kanti, LIPIMC 0096) ← LIPI (Atit Kanti, CII/3.1)

Source of sample: Tapai yeast

Locality: Cianjur

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC Y137

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti, PLE.6.DP.4)

Source of sample: Leaf

Locality: Protected Forest Papalia, South Konawe

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC Y276

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.22)

Source of sample: stem of *Piper nigrum*, Bali

Locality: Bali

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC Y366

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.38)

Source of sample: Litter of *Piper bettle*

Locality: Mount Salak

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC Y419

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.TP.022)

Source of sample: Leaf  
 Locality: Tanjung Peropa, South East Sulawesi  
 Cultivation: PDA

***Candida* sp.**

InaCC Number: InaCC Y430  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.TP.047)  
 Source of sample: Soil  
 Locality: Tanjung Peropa, South East Sulawesi  
 Cultivation: PDA

***Candida* sp.**

InaCC Number: InaCC Y667  
 History: LIPI (Atit Kanti, O.1) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.77)  
 Source of sample: Tongcai  
 Locality: Gardu Jati, Bandung  
 Cultivation: PDA

***Candida* sp.**

InaCC Number: InaCC Y707  
 History: LIPI (Atit Kanti, LIPI11-2-Y104) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani,)  
 Other CC: NBRC 110248  
 Source of sample: Flower of *Chinchona pubescens*  
 Locality: Cibodas Botanical Garden, Cipanas  
 Cultivation: YM agar

***Candida* sp.**

InaCC Number: InaCC Y708  
 History: LIPI (Atit Kanti, LIPI11-2-Y105) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani)  
 Other CC: NBRC 110249  
 Source of sample: Flower of *Chinchona pubescens*  
 Locality: Cibodas Botanical Garden, Cipanas  
 Cultivation: YM agar

***Candida* sp.**

InaCC Number: InaCC Y709  
 History: LIPI (Atit Kanti, LIPI11-2-Y108) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani)  
 Other CC: NBRC 110250

Source of sample: Flower of *Chinchona pubescens*  
 Locality: Cibodas Botanical Garden, Bogor  
 Cultivation: YM agar

***Candida* sp.**

InaCC Number: InaCC Y737  
 History: ← LIPI (A. Kanti, LIPI13-2-Y019) ← NITE (R. Kobayashi, YMA14-2)  
 Other CC: NBRC 110278  
 Source of sample: Leaf of pine  
 Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia  
 Cultivation: PDA

***Candida* sp.**

InaCC Number: InaCC Y738  
 History: ← LIPI (A. Kanti, LIPI13-2-Y043) ← NITE (R. Kobayashi, YMA27-1)  
 Other CC: NBRC 110279  
 Source of sample: decayed wood (pine)  
 Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia  
 Cultivation: PDA

***Candida* sp.**

InaCC Number: InaCC Y745  
 History: LIPI (A. Kanti, LIPI13-2-Y117) ← NITE (R. Kobayashi, YMG14-1)  
 Other CC: NBRC 110286  
 Source of sample: Leaf of pine  
 Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia  
 Cultivation: PDA

***Candida* sp.**

InaCC Number: InaCC Y751  
 History: LIPI (A. Kanti, LIPI13-2-Y203) ← NITE (R. Kobayashi, DXA1-2)  
 Other CC: NBRC 110292  
 Source of sample: Decayed wood  
 Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia (S: 00°56.654', E: 100°31.353')  
 Cultivation: PDA

***Candida* sp.**

InaCC Number: InaCC **Y752**  
 History: ← LIPI (A. Kanti, LIPI13-2-Y204) ← NITE (R. Kobayashi, DXA3-2-1)  
 Other CC: NBRC 110293  
 Source of sample: Decayed wood (Albasia)  
 Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia  
 Cultivation: PDA

***Candida* sp.**

InaCC Number: InaCC **Y753**  
 History: ← LIPI (A. Kanti, LIPI13-2-Y207) ← NITE (R. Kobayashi, DXA7-2)  
 Other CC: NBRC 110294  
 Source of sample: Decayed wood  
 Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia  
 Cultivation: PDA

***Candida* sp.**

InaCC Number: InaCC **Y759**  
 History: LIPI (A. Kanti, LIPI13-2-Y217-1) ← NITE (R. Kobayashi, DXA27-2-1)  
 Other CC: NBRC 110299  
 Source of sample: Decayed wood (pine)  
 Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia  
 Cultivation: PDA

***Candida* sp.**

InaCC Number: InaCC **Y767**  
 History: ← LIPI (A. Kanti, LIPI13-2-Y231) ← NITE (R. Kobayashi, DXA56-1)  
 Other CC: NBRC 110307  
 Source of sample: Decayed wood  
 Locality: Anai Valley, Padang Panjang, West Sumatra, Indonesia  
 Cultivation: PDA

***Candida* sp.**

InaCC Number: InaCC **Y770**  
 History: ← LIPI (A. Kanti, LIPI13-2-Y237) ← NITE (R. Kobayashi, DXG3-2-1)

Other CC: NBRC 110310  
 Source of sample: Decayed wood (Albasia)  
 Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia  
 Cultivation: PDA

***Candida* sp.**

InaCC Number: InaCC **Y774**  
 History: LIPI (A. Kanti, LIPI13-2-Y245) ← NITE (R. Kobayashi, DXG27-1)  
 Other CC: NBRC 110314  
 Source of sample: Decayed wood  
 Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia  
 Cultivation: PDA

***Candida* sp.**

InaCC Number: InaCC **Y775**  
 History: LIPI (A. Kanti, LIPI13-2-Y246) ← NITE (R. Kobayashi, DXG27-2)  
 Other CC: NBRC 110315  
 Source of sample: Decayed wood  
 Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia  
 Cultivation: PDA

***Candida* sp.**

InaCC Number: InaCC **Y760**  
 History: LIPI (A. Kanti, LIPI13-2-Y217-2) ← NITE (R. Kobayashi, DXA27-2-2)  
 Other CC: NBRC 110300  
 Source of sample: Decayed wood (pine)  
 Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia  
 Cultivation: PDA

***Candida* sp.**

InaCC Number: InaCC **Y784**  
 History: LIPI (A. Kanti, LIPI13-2-Y259-2) ← NITE (R. Kobayashi, DXG56-2-2)  
 Other CC: NBRC 110322  
 Source of sample: Decayed wood

Locality: Anai Valley, Padang Panjang, West Sumatra, Indonesia  
Cultivation: PDA

**Candida sp.**

InaCC Number: InaCC **Y786**  
History: LIPI (A. Kanti, LIPI13-2-Y2621) ← NITE (R. Kobayashi, XYA3-2-)  
Other CC: NBRC 110324  
Source of sample: Decayed wood  
Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia  
Cultivation: PDA

**Candida sp.**

InaCC Number: InaCC **Y807**  
History: LIPI (A. Kanti, LIPI13-2-Y304-1) ← NITE (R. Kobayashi, XYG27-1-1)  
Other CC: NBRC 110345  
Source of sample: Decayed wood (pine)  
Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia  
Cultivation: PDA

**Candida sp.**

InaCC Number: InaCC **Y834**  
History: LIPI (A. Kanti, LIPI11-2-Y121) ← NITE (A. Yamazaki, BBF04DP2)  
Other CC: NBRC 111032  
Source of sample: Litter  
Locality: Bogor Botanical Garden, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

**Candida sp.**

InaCC Number: InaCC **Y835**  
History: LIPI (A. Kanti, LIPI11-2-Y124-2) ← NITE (A. Yamazaki, BBF04DP2)  
Other CC: NBRC 111033  
Source of sample: Litter  
Locality: Bogor Botanical garden, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

**Candida sp.**

InaCC Number: InaCC **Y884**  
History: LIPI (A. Kanti, LIPI11-2-Y343) ← NITE (A. Yamazaki, ST04Li1-4)  
Other CC: NBRC 111057  
Source of sample: Litter  
Locality: Mt. Salak, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

**Candida sp.**

InaCC Number: InaCC **Y905**  
History: LIPI (A. Kanti, LIPI12-2-Y006) ← NITE (A. Yamazaki, MT-S03-2)  
Other CC: NBRC 111067  
Source of sample: Soil  
Locality: Maratua Island, Indonesia  
Cultivation: YM agar, 25°C

**Candida sp.**

InaCC Number: InaCC **Y930**  
History: LIPI (A. Kanti, LIPI12-2-Y115) ← NITE (A. Yamazaki, Bank09-S01-5)  
Other CC: NBRC 111081  
Source of sample: Soil  
Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia  
Cultivation: YM agar, 25°C

**Candida sp.**

InaCC Number: InaCC **Y960**  
History: LIPI (A. Kanti, LIPI12-2-Y205) ← NITE (A. Yamazaki, Bank.08.Le.V.1)  
Other CC: NBRC 111090  
Source of sample: Leaves  
Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia  
Cultivation: YM agar, 25°C

**Candida sp.**

InaCC Number: InaCC **Y1004**  
History: LIPI (A. Kanti, LIPI12-2-Y388) ← NITE (A. Yamazaki, DS-13-7)  
Other CC: NBRC 111107  
Source of sample: Soil

Locality: Dramaga Protected Forest, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Candida sp.***

InaCC Number: InaCC **Y1011**

History: LIPI (A. Kanti, LIPI12-2-Y403) ← NITE (A. Yamazaki, DS-19-5)

Other CC: NBRC 111108

Source of sample: Soil

Locality: Dramaga Protected Forest, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Candida sp.***

InaCC Number: InaCC **Y1013**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y015) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y015)

Other CC: NBRC 111540

Source of sample: Flower

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC **Y1024**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y123) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y123)

Other CC: NBRC 111551

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC **Y1025**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y124) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y124)

Other CC: NBRC 111552

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC **Y1027**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y130) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y130)

Other CC: NBRC 111554

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC **Y1034**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y208) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y208)

Other CC: NBRC 111561

Source of sample: Litter

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC **Y1035**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y215) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y215)

Other CC: NBRC 111562

Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida sp.***

InaCC Number: InaCC **Y1040**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y250) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y250)

Other CC: NBRC 111567

Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida* sp.**InaCC Number: InaCC **Y1041**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y251) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y251)

Other CC: NBRC 111568

Source of sample: Litter

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida* sp.**InaCC Number: InaCC **Y1043**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y266) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y266)

Other CC: NBRC 111570

Source of sample: Decayed wood

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida* sp.**InaCC Number: InaCC **Y1362**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y332) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y332)

Source of sample: Decayed Wood

Locality: Bogor Botanic Garden, Bogor, West Java

Cultivation: PDA

***Candida* sp.**InaCC Number: InaCC **Y1411**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y194=ST02LE4-1) ← LIPI (Atit Kanti, JSAT11-2-Y194)

Source of sample: Soil under *Symplocos cochinchinensis*

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Candida* sp.**InaCC Number: InaCC **Y1436**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y265=ST02S4-1) ← NITE (Atsushi Yamazaki, JSAT11-2-Y265)

Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Candida* sp.**InaCC Number: InaCC **Y1443**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y294=ST02F11-B2) ← NITE (Atsushi Yamazaki, JSAT11-2-Y294)

Source of sample: Soil under *Bellucia axinanthera*

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Candida* sp.**InaCC Number: InaCC **Y1469**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y389=ST05Le5-B1) ← NITE (Atsushi Yamazaki, JSAT11-2-Y389)

Source of sample: Soil under *Arcypteris irregularis*

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Candida* sp.**InaCC Number: InaCC **Y1523**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI12-2-Y392=DS-14-4) ← NITE (Atsushi Yamazaki, JSAT12-2-Y392)

Source of sample: Soil

Locality: Dramaga Protected Forest, Bogor, West Java

Cultivation: YM agar, 25°C

***Candida* sp.**InaCC Number: InaCC **Y1524**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI12-2-Y399=DS-16-9) ← NITE (Atsushi Yamazaki, JSAT12-2-Y399)

Source of sample: Soil

Locality: Dramaga Protected Forest, Bogor, West Java

Cultivation: YM agar, 25°C

***Candida* sp.**

InaCC Number: InaCC **Y1585**

History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR022)

Source of sample: Decay woods

Locality: Mt. Jantan, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Candida* sp.**

InaCC Number: InaCC **Y1587**

History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR024)

Source of sample: Decay woods

Locality: Mt. Jantan, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Candida* sp.**

InaCC Number: InaCC **Y1586**

History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR023)

Source of sample: Decay woods

Locality: Mt. Jantan, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Candida* sp.**

InaCC Number: InaCC **Y1588**

History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR026)

Source of sample: Decay woods

Locality: Mt. Jantan, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Candida* sp.**

InaCC Number: InaCC **Y1589**

History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR027)

Source of sample: Decay woods

Locality: Mt. Jantan, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Candida stellimalicola***

InaCC Number: InaCC **Y888**

History: LIPI (A. Kanti, LIPI11-2-Y352) ← NITE (A. Yamazaki, ST04Le5-4)

Other CC: NBRC 111280

Source of sample: Leaf

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Candida suratensis* (like new species)**

InaCC Number: InaCC **Y323**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, PL.6.W.1)

Source of sample: Leaf litter

Locality: Protected Forest Papalia, South Konawe

Cultivation: PDA

***Candida tropicalis***

InaCC Number: InaCC **Y1364**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y334) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y334)

Source of sample: Litter

Locality: Bogor Botanic Garden, Bogor, West Java

Cultivation: PDA

***Candida tropicalis***

InaCC Number: InaCC **Y1212**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y090) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y090)

Source of sample: Insect like termite

Locality: North Kuta, Badung, Bali

Cultivation: PDA

***Candida tropicalis***

InaCC Number: InaCC **Y929**

History: LIPI (A. Kanti, LIPI12-2-Y113) ← NITE (A. Yamazaki, Bank09-S01-3)



Other CC: NBRC 111300

Source of sample: Soil

Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia

Cultivation: YM agar, 25°C

***Candida tropicalis***

InaCC Number: InaCC **Y1207**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y079) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y079)

Source of sample: Decayed wood

Locality: North Kuta, Badung, Bali

Cultivation: PDA

***Candida tropicalis***

InaCC Number: InaCC **Y1057**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y021) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y021)

Source of sample: Flower

Locality: Janiah River, Padang, West Sumatra

Cultivation: PDA

***Candida tropicalis***

InaCC Number: InaCC **Y1204**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y073) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y073)

Source of sample: Decayed wood

Locality: North Kuta, Badung, Bali

Cultivation: PDA

***Candida tropicalis***

InaCC Number: InaCC **Y934**

History: LIPI (A. Kanti, LIPI12-2-Y125) ← NITE (A. Yamazaki, Mhk01-S01-1)

Other CC: NBRC 111302

Source of sample: Soil

Locality: Mahakam River, Balikpapan, East Kalimantan, Indonesia

Cultivation: YM agar, 25°C

***Candida tropicalis***

InaCC Number: InaCC **Y1199**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y066) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y066)

Source of sample: Decayed wood

Locality: North Kuta, Badung, Bali

Cultivation: PDA

***Candida tropicalis***

InaCC Number: InaCC **Y1196**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y060) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y060)

Source of sample: Insect larvae

Locality: North Kuta, Badung, Bali

Cultivation: PDA

***Candida tropicalis***

InaCC Number: InaCC **Y1194**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y057) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y057)

Source of sample: Insects such as termites

Locality: North Kuta, Badung, Bali

Cultivation: PDA

***Candida tropicalis***

InaCC Number: InaCC **Y1213**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y091) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y091)

Source of sample: Insect larvae

Locality: North Kuta, Badung, Bali

Cultivation: PDA

***Candida tropicalis***

InaCC Number: InaCC **Y1170**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y014) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y014)

Source of sample: Decayed wood

Locality: Mangrove Information Center (MIC), Denpasar, Bali

Cultivation: PDA

***Candida tropicalis***InaCC Number: InaCC **Y1166**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y006) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y006)

Source of sample: Decayed wood

Locality: Mangrove Information Center (MIC), Denpasar, Bali

Cultivation: PDA

***Candida tropicalis***InaCC Number: InaCC **Y1201**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y070) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y070)

Source of sample: Insect larvae

Locality: North Kuta, Badung, Bali

Cultivation: PDA

***Candida tropicalis***InaCC Number: InaCC **Y60**

History: LIPI (Atit Kanti, LIPIMC 0078) ← LIPI (Susono Saono, G19II/3E)

Source of sample: Oil saturated soil

Locality: Semanggi, Cepu

Cultivation: PDA

***Candida tropicalis***InaCC Number: InaCC **Y765**

History: LIPI (A. Kanti, LIPI13-2-Y223) ← NITE (R. Kobayashi, DXA47-1)

Other CC: NBRC 110305

Source of sample: Decayed wood

Locality: Anai Valley, Padang Panjang, West Sumatra, Indonesia

Cultivation: PDA

***Candida tropicalis***InaCC Number: InaCC **Y785**

History: LIPI (A. Kanti, LIPI13-2-Y260) ← NITE (R. Kobayashi, XYA1-1)

Other CC: NBRC 110323

Source of sample: Decayed wood

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia

Cultivation: PDA

***Candida tropicalis***InaCC Number: InaCC **Y56**

History: LIPI (Atit Kanti, LIPIMC 0062) ← LIPI (Susono Saono, G13I/6)

Source of sample: Oil saturated soil

Locality: Ledok, Cepu

Cultivation: PDA

***Candida tropicalis***InaCC Number: InaCC **Y1529**

History: LIPI (I Nyoman Sumerta, Y15Eg008)

Source of sample: Leaf of citrus (*Citrus* sp.)

Locality: Malakoni Village, Enggano District

Cultivation: PDA, 25°C

***Candida tropicalis***InaCC Number: InaCC **Y1347**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y309) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y309)

Source of sample: Litter

Locality: LIPI, Ecology Park, Cibinong, West Java

Cultivation: PDA

***Candida tropicalis***InaCC Number: InaCC **Y782**

History: LIPI (A. Kanti, LIPI13-2-Y256) ← NITE (R. Kobayashi, DXG50-1)

Other CC: NBRC 110320

Source of sample: Decayed wood

Locality: Near waterfall, Anai River, Padang Panjang, West Sumatra, Indonesia

Cultivation: PDA

***Candida tropicalis***InaCC Number: InaCC **Y59**

History: LIPI (Atit Kanti, LIPIMC 0073) ← LIPI (Susono Saono, G19II/1E)

Source of sample: Oil saturated soil

Locality: Semanggi, Cepu

Cultivation: PDA

***Candida tropicalis***

InaCC Number: InaCC Y54

History: LIPI (Atit Kanti, LIPIMC 0058) ← LIPI (Susono Saono, G13I/3)

Source of sample: Oil saturated soil

Locality: Ledok, Cepu

Cultivation: PDA

***Candida tropicalis***

InaCC Number: InaCC Y787

History: LIPI (A. Kanti, LIPI13-2-Y263) ← NITE (R. Kobayashi, XYA3-2-2)

Other CC: NBRC 110325

Source of sample: Decayed wood

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia

Cultivation: PDA

***Candida tropicalis***

InaCC Number: InaCC Y61

History: LIPI (Atit Kanti, LIPIMC 0080) ← LIPI (Susono Saono, G20I/1)

Source of sample: Oil saturated soil

Locality: Semanggi, Cepu

Cultivation: PDA

***Candida tropicalis***

InaCC Number: InaCC Y1545

History: LIPI (I Nyoman Sumerta, Y15Eg040)

Source of sample: Soil around *Clerodendron* sp. plant

Locality: Meok Village, Enggano District

Cultivation: PDA, 25°C

***Candida tropicalis***

InaCC Number: InaCC Y62

History: LIPI (Atit Kanti, LIPIMC 0083) ← LIPI (Susono Saono, G20I/3)

Source of sample: Oil saturated soil

Locality: Semanggi, Cepu

Cultivation: PDA

***Candida tropicalis***

InaCC Number: InaCC Y1250

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y155) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y155)

Source of sample: Honey comb

Locality: Ubud Market, Ubud, Bali

Cultivation: PDA

***Candida tropicalis***

InaCC Number: InaCC Y766

History: LIPI (A. Kanti, LIPI13-2-Y227) ← NITE (R. Kobayashi, DXA50-1)

Other CC: NBRC 110306

Source of sample: Decayed wood

Locality: Near waterfall, Anai River, Padang Panjang, West Sumatra, Indonesia

Cultivation: PDA

***Candida tropicalis***

InaCC Number: InaCC Y65

History: LIPI (Atit Kanti, LIPIMC 0086) ← LIPI (Susono Saono, CZ11II/2)

Source of sample: Oil saturated soil

Locality: Ledok, Cepu

Cultivation: PDA

***Candida tropicalis***

InaCC Number: InaCC Y904

History: LIPI (A. Kanti, LIPI12-2-Y001) ← NITE (A. Yamazaki, KKB01-S01-1)

Other CC: NBRC 111289

Source of sample: Soil

Locality: Kakaban Island, Indonesia

Cultivation: YM agar, 25°C

***Candida tropicalis***

InaCC Number: InaCC Y1546

History: LIPI (I Nyoman Sumerta, Y15Eg041)

Source of sample: Soil around *Clerodendron* sp. plant

Locality: Meok Village, Enggano District

Cultivation: PDA, 25°C

***Candida tropicalis***InaCC Number: InaCC **Y1359**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y329) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y329)

Source of sample: Decayed wood

Locality: Bogor Botanic Garden, Bogor, West Java

Cultivation: PDA

***Candida tropicalis***InaCC Number: InaCC **Y1339**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y294) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y294)

Source of sample: Litter

Locality: LIPI, Ecology Park, Cibinong, West Java

Cultivation: PDA

***Candida tropicalis***InaCC Number: InaCC **Y755**

History: LIPI (A. Kanti, LIPI13-2-Y212) ← NITE (R. Kobayashi, DXA26-1)

Other CC: NBRC 110296

Source of sample: Woodchip

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia

Cultivation: PDA

***Candida tropicalis***InaCC Number: InaCC **Y769**

History: LIPI (A. Kanti, LIPI13-2-Y235) ← NITE (R. Kobayashi, DXAG2-1)

Other CC: NBRC 110309

Source of sample: Decayed wood

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia

Cultivation: PDA

***Candida tropicalis***InaCC Number: InaCC **Y773**

History: LIPI (A. Kanti, LIPI13-2-Y244) ← NITE (R. Kobayashi, DXG26-2)

Other CC: NBRC 110313

Source of sample: Woodchip

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia

Cultivation: PDA

***Candida tropicalis***InaCC Number: InaCC **Y55**

History: LIPI (Atit Kanti, LIPIMC 0059) ← LIPI (Susono Saono, G13I/4)

Source of sample: Oil saturated soil

Locality: Ledok, Cepu

Cultivation: PDA

***Candida tropicalis***InaCC Number: InaCC **Y1334**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y286) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y286)

Source of sample: Decayed wood

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Candida tropicalis***InaCC Number: InaCC **Y1346**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y308) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y308)

Source of sample: Litter

Locality: LIPI, Ecology Park, Cibinong, West Java

Cultivation: PDA

***Candida tropicalis***InaCC Number: InaCC **Y763**

History: LIPI (A. Kanti, LIPI13-2-Y221) ← NITE (R. Kobayashi, DXA28-3)

Other CC: NBRC 110303

Source of sample: Decayed leaf of pine

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia

Cultivation: PDA

***Candida tropicalis***InaCC Number: InaCC **Y799**

History: LIPI (A. Kanti, LIPI13-2-Y288) ← NITE (R. Kobayashi, XYA47-3)

Other CC: NBRC 110337

Source of sample: Decayed wood

Locality: Anai Valley, Padang Panjang, West Sumatra, Indonesia Cultivation: PDA

***Candida tropicalis***InaCC Number: InaCC **Y1352**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y319) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y319)

Source of sample: Litter

Locality: LIPI, Ecology Park, Cibinong, West Java

Cultivation: PDA

***Candida tropicalis***InaCC Number: InaCC **Y781**

History: LIPI (A. Kanti, LIPI13-2-Y253) ← NITE (R. Kobayashi, DXG47-1)

Other CC: NBRC 110319

Source of sample: Decayed wood

Locality: Anai Valley, Padang Panjang, West Sumatra, Indonesia

Cultivation: PDA

***Candida tropicalis***InaCC Number: InaCC **Y1353**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y321) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y321)

Source of sample: Litter

Locality: LIPI, Ecology Park, Cibinong, West Java

Cultivation: PDA

***Candida versatilis***InaCC Number: InaCC **Y605**

History: LIPI (Atit Kanti, A.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.1)

Source of sample: Terasi

Locality: Pasar Baru, Bandung

Cultivation: PDA

***Candida versatilis***InaCC Number: InaCC **Y1126**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y147) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y147)

Source of sample: Fermented soybean (tauco)

Locality: Bawah, Bukittinggi, West Sumatra

Cultivation: PDA

***Candida yuanshanica***InaCC Number: InaCC **Y1567**

History: LIPI (I Nyoman Sumerta, Y15Eg252)

Source of sample: Mangrove Sedimen

Locality: Belau water source, Meok, Enggano

Cultivation: PDA, 25°C

***Candida yuanshanica***InaCC Number: InaCC **Y1563**

History: LIPI (I Nyoman Sumerta, Y15Eg199)

Source of sample: *Dillenia excels* waste

Locality: Meok Village, Enggano District

Cultivation: PDA, 25°C

***Candida zeylanoides***InaCC Number: InaCC **Y1618**

History: LIPI (I Nyoman Sumerta &amp; Atit Kanti, Y15KR098)

Source of sample: Cincalok

Locality: Mitra Raya Market, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Candida zeylanoides***InaCC Number: InaCC **Y1617**

History: LIPI (I Nyoman Sumerta &amp; Atit Kanti, Y15KR097)

Source of sample: Cincalok

Locality: Mitra Raya Market, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Cintractia fimbristylicola***

InaCC Number: InaCC **Y944**  
 History: LIPI (A. Kanti, LIPI12-2-Y147-1) ← NITE (A. Yamazaki, Cis-S04-1)  
 Other CC: NBRC 111311  
 Source of sample: Soil  
 Locality: Ciseeng, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Clavispora lusitaniae***

InaCC Number: InaCC **Y689**  
 History: LIPI (Atit Kanti, TB.15%.2) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.101)  
 Source of sample: Tapai  
 Locality: Bali  
 Cultivation: PDA

***Clavispora* sp.**

InaCC Number: InaCC **Y1217**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y102-2) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y102-2)  
 Source of sample: Decayed wood  
 Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali  
 Cultivation: PDA

***Cryptococcus flavescens***

InaCC Number: InaCC **Y434**  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.08.RA.036)  
 Source of sample: Soil  
 Locality: Waigeo, Raja Ampat, Papua  
 Cultivation: PDA

***Cryptococcus* sp.**

InaCC Number: InaCC **Y1051**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y324) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y324)  
 Other CC: NBRC 111578  
 Source of sample: Decayed wood

Locality: Bogor Botanic Garden, Bogor, West Java

Cultivation: PDA

***Cryptococcus allantoinivorans***

InaCC Number: InaCC **Y837**  
 History: LIPI (A. Kanti, LIPI11-2-Y133) ← NITE (A. Yamazaki, CLI03F1)  
 Other CC: NBRC 111254  
 Source of sample: Litter  
 Locality: Cibodas Botanical Garden, Cipanas, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Cryptococcus aureus***

InaCC Number: InaCC **Y346**  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.71)  
 Source of sample: Fruit of *Piper nigrum*, Bali  
 Locality: Bali  
 Cultivation: PDA

***Cryptococcus bestiolae***

InaCC Number: InaCC **Y442**  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.08.RA.012)  
 Source of sample: Soil  
 Locality: Waigeo, Raja Ampat, Papua  
 Cultivation: PDA

***Cryptococcus cellulolyticus***

InaCC Number: InaCC **Y995**  
 History: LIPI (A. Kanti, LIPI12-2-Y347) ← NITE (A. Yamazaki, TW6-4)  
 Other CC: NBRC 111344  
 Source of sample: Soil  
 Locality: Lake Warna, Wonosobo, Central Java, Indonesia  
 Cultivation: YM agar, 25°C

***Cryptococcus dejecticola***

InaCC Number: InaCC **Y965**  
 History: LIPI (A. Kanti, LIPI12-2-Y223) ← NITE (A. Yamazaki, Bank.11.Le.DP.6)

Other CC: NBRC 111325  
 Source of sample: Leaves  
 Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia  
 Cultivation: YM agar, 25°C

***Cryptococcus flavescens***

InaCC Number: InaCC Y326  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, MKL.5.W.3)  
 Source of sample: Leaf litter  
 Locality: Protected Forest Mekongga, Tinukari, North Kolaka  
 Cultivation: PDA

***Cryptococcus flavescens***

InaCC Number: InaCC Y321  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, PL.3.F.4)  
 Source of sample: Leaf litter  
 Locality: Protected Forest Papalia, South Konawe  
 Cultivation: PDA

***Cryptococcus flavescens***

InaCC Number: InaCC Y1426  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y245=ST01Le1-B1-2) ← NITE (Atsushi Yamazaki, JSAT11-2-Y245)  
 Source of sample: Soil under *Litsea noronhae*  
 Locality: Mt. Salak, Bogor, West Java  
 Cultivation: YM agar, 25°C

***Cryptococcus flavescens***

InaCC Number: InaCC Y373  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.51)  
 Source of sample: Litter of *Piper bettle*  
 Locality: Mt. Salak  
 Cultivation: PDA

***Cryptococcus flavescens***

InaCC Number: InaCC Y1438  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y275=ST02Le1-1) ← NITE (Atsushi Yamazaki, JSAT11-2-Y275)

Source of sample: Soil under *Bellucia axinanthera*  
 Locality: Mt. Salak, Bogor, West Java  
 Cultivation: YM agar, 25°C

***Cryptococcus flavescens***

InaCC Number: InaCC Y406  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.11.CB.032)  
 Source of sample: Stem of corn  
 Locality: Cibinong, Bogor West Java  
 Cultivation: PDA

***Cryptococcus flavescens***

InaCC Number: InaCC Y1400  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y147=CWLI01DP01) ← LIPI (Atit Kanti, JSAT11-2-Y147)  
 Source of sample: Soil under quina (*Chinchona succiruba*)  
 Locality: Cinchona plantation, Ciwidey, West Java  
 Cultivation: YM agar, 25°C

***Cryptococcus flavescens***

InaCC Number: InaCC Y1429  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y250=CWLi01MF2) ← NITE (Atsushi Yamazaki, JSAT11-2-Y250)  
 Source of sample: Soil under quina (*Chinchona succiruba*)  
 Locality: Cinchona plantation, Ciwidey, West Java  
 Cultivation: YM agar, 25°C

***Cryptococcus flavescens***

InaCC Number: InaCC Y1402  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y153=CF01M) ← LIPI (Atit Kanti, JSAT11-2-Y153)  
 Source of sample: Soil under quina (*Chinchona succiruba*)  
 Locality: Cinchona plantation, Ciwidey, West Java  
 Cultivation: YM agar, 25°C

***Cryptococcus flavescens***

InaCC Number: InaCC Y1472

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y400=ST04Li1-2) ← NITE (Atsushi Yamazaki, JSAT11-2-Y400)

Source of sample: Litter

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Cryptococcus flavescens***

InaCC Number: InaCC Y1404

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y155=CWLI01F02) ← LIPI (Atit Kanti, JSAT11-2-Y155)

Source of sample: Soil under quina (*Chinchona succiruba*)

Locality: Cinchona plantation, Ciwidey, West Java

Cultivation: YM agar, 25°C

***Cryptococcus flavescens***

InaCC Number: InaCC Y1395

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y130=CWLE1V01) ← LIPI (Atit Kanti, JSAT11-2-Y130)

Source of sample: Soil under quina (*Chinchona succiruba*)

Locality: Cinchona plantation, Ciwidey, West Java

Cultivation: YM agar, 25°C

***Cryptococcus flavescens***

InaCC Number: InaCC Y1406

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y161=CWLI02DP03) ← LIPI (Atit Kanti, JSAT11-2-Y161)

Source of sample: Soil under *Cinnamon campona*

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YM agar, 25°C

***Cryptococcus flavescens***

InaCC Number: InaCC Y1423

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y239=ST01Li2-3) ← NITE (Atsushi Yamazaki, JSAT11-2-Y239)

Source of sample: Litter

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Cryptococcus flavescens***

InaCC Number: InaCC Y1462

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y363=ST05S2-2) ← NITE (Atsushi Yamazaki, JSAT11-2-Y363)

Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Cryptococcus flavescens***

InaCC Number: InaCC Y1452

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y327=ST03Li3-4) ← NITE (Atsushi Yamazaki, JSAT11-2-Y327)

Source of sample: Litter

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Cryptococcus flavescens***

InaCC Number: InaCC Y424

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.TP.032)

Source of sample: Soil

Locality: Tanjung Peropa, South East Sulawesi

Cultivation: PDA

***Cryptococcus flavescens***

InaCC Number: InaCC Y443

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.08.RA.033)

Source of sample: Soil

Locality: Waigeo, Raja Ampat, Papua

Cultivation: PDA

***Cryptococcus flavescens***

InaCC Number: InaCC Y1403

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y154=CLI02DP) ← LIPI (Atit Kanti, JSAT11-2-Y154)

Source of sample: Soil under quina (*Chinchona succiruba*)



Locality: Cinchona plantation, Ciwidey, West Java

Cultivation: YM agar, 25°C

***Cryptococcus flavescens***

InaCC Number: InaCC **Y1385**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y064=CLE02MF1) ← LIPI (Atit Kanti, JSAT11-2-Y064)

Source of sample: Soil under quina (*Chinchona pubescens*)

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YM agar, 25°C

***Cryptococcus flavescens***

InaCC Number: InaCC **Y1224**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y112) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y112)

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali

Cultivation: YMA

***Cryptococcus flavescens***

InaCC Number: InaCC **Y1238**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y141) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y141)

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali

Cultivation: YMA

***Cryptococcus flavescens***

InaCC Number: InaCC **Y1381**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y004=CS03. N-1) ← NITE (Atsushi Yamazaki, JSAT11-2-Y004)

Source of sample: Soil under quina (*Chinchona pubescens*)

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YM agar, 25°C

***Cryptococcus flavescens***

InaCC Number: InaCC **Y1383**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y053=4 Bark N-2) ← NITE (Atsushi Yamazaki, JSAT11-2-Y053)

Source of sample: Soil under quina (*Chinchona pubescens*)

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YM agar, 25°C

***Cryptococcus flavescens***

InaCC Number: InaCC **Y1399**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y143=CWLI01DP04) ← LIPI (Atit Kanti, JSAT11-2-Y143)

Source of sample: Soil under quina (*Chinchona succiruba*)

Locality: Cinchona plantation, Ciwidey, West Java

Cultivation: YM agar, 25°C

***Cryptococcus flavescens***

InaCC Number: InaCC **Y1390**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y073-2) ← LIPI (Atit Kanti, JSAT11-2-Y073-2)

Source of sample: Soil under quina (*Cinchona* sp.)

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YM agar, 25°C

***Cryptococcus flavescens***

InaCC Number: InaCC **Y1391**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y083=CLE04MF1) ← LIPI (Atit Kanti, JSAT11-2-Y083)

Source of sample: Soil under quina (*Chinchona pubescens*)

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YM agar, 25°C

***Cryptococcus flavescens***InaCC Number: InaCC **Y1392**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y092=CLE07MF1) ← LIPI (Atit Kanti, JSAT11-2-Y092)

Source of sample: Soil under unknown tree

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YM agar, 25°C

***Cryptococcus flavescens***InaCC Number: InaCC **Y1394**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y126=CLE01MF) ← LIPI (Atit Kanti, JSAT11-2-Y126)

Source of sample: Soil under *Engelhardtia spicata*

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YM agar, 25°C

***Cryptococcus flavescens***InaCC Number: InaCC **Y1398**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y135=CLE01M) ← LIPI (Atit Kanti, JSAT11-2-Y135)

Source of sample: Soil under *Engelhardtia spicata*

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YM agar, 25°C

***Cryptococcus flavescens***InaCC Number: InaCC **Y1396**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y132=CWLI02MF02) ← LIPI (Atit Kanti, JSAT11-2-Y132)

Source of sample: Soil under quina (*Chinchona succiruba*)

Locality: Cinchona plantation, Ciwidey, West Java

Cultivation: YM agar, 25°C

***Cryptococcus flavescens***InaCC Number: InaCC **Y1397**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y134=CLE01M) ← LIPI (Atit Kanti, JSAT11-2-Y134)

Source of sample: Soil under *Engelhardtia spicata*

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YM agar, 25°C

***Cryptococcus flavus***InaCC Number: InaCC **Y972**

History: LIPI (A. Kanti, LIPI12-2-Y247)← NITE (A. Yamazaki, Cis.S.02.F.1)

Other CC: NBRC 111329

Source of sample: Soil

Locality: Ciseeng, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Cryptococcus heveanensis***InaCC Number: InaCC **Y878**

History: LIPI (A. Kanti, LIPI11-2-Y329) ← NITE (A. Yamazaki, ST03Le5-3)

Other CC: NBRC 111277

Source of sample: Leaf

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Cryptococcus humicola***InaCC Number: InaCC **Y927**

History: LIPI (A. Kanti, LIPI12-2-Y095) ← NITE (A. Yamazaki, Bank06-S01-11)

Other CC: NBRC 111298

Source of sample: Soil

Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia

Cultivation: YM agar, 25°C

***Cryptococcus humicola***InaCC Number: InaCC **Y310**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, PL.1.F.4)

Source of sample: Leaf litter

Locality: Protected Forest Papalia, South Konawe

Cultivation: PDA

***Cryptococcus humicola***InaCC Number: InaCC **Y311**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, PL.1.F.5)

Source of sample: Leaf litter  
 Locality: Protected Forest Papalia, South Konawe  
 Cultivation: PDA

***Cryptococcus humicola***

InaCC Number: InaCC Y317  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, PL.1.W.8)  
 Source of sample: Leaf litter  
 Locality: Protected Forest Papalia, South Konawe  
 Cultivation: PDA

***Cryptococcus ibericus***

InaCC Number: InaCC Y991  
 History: LIPI (A. Kanti, LIPI12-2-Y336) ← NITE (A. Yamazaki, TW1-1)  
 Other CC: NBRC 111342  
 Source of sample: Soil  
 Locality: Lake Warna, Wonosobo, Central Java, Indonesia  
 Cultivation: YM agar, 25°C

***Cryptococcus laurentii***

InaCC Number: InaCC Y368  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.43)  
 Source of sample: Litter of *Piper bettle*  
 Locality: Mt. Salak  
 Cultivation: PDA

***Cryptococcus laurentii***

InaCC Number: InaCC Y1474  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y014=KB03-S01-1) ← NITE (Atsushi Yamazaki, JSAT12-2-Y014)  
 Source of sample: Soil  
 Locality: Berau, Balikpapan, East Kalimantan  
 Cultivation: YM agar, 25°C

***Cryptococcus laurentii***

InaCC Number: InaCC Y1453  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y330=ST04S1-1) ← NITE (Atsushi Yamazaki, JSAT11-2-Y330)

Source of sample: Soil  
 Locality: Mt. Salak, Bogor, West Java  
 Cultivation: YM agar, 25°C

***Cryptococcus laurentii***

InaCC Number: InaCC Y1506  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y313=KB.03.Le.F.7) ← LIPI (Atit Kanti, JSAT12-2-Y313)  
 Source of sample: Soil  
 Locality: Berau, Balikpapan, East Kalimantan  
 Cultivation: YM agar, 25°C

***Cryptococcus laurentii***

InaCC Number: InaCC Y1270  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y190) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y190)  
 Source of sample: Soil  
 Locality: Cibodas Botanic Garden, Cipanas, West Java  
 Cultivation: YMA

***Cryptococcus laurentii***

InaCC Number: InaCC Y1540  
 History: LIPI (I Nyoman Sumerta, Y15Eg031)  
 Source of sample: Soil around *Melastoma malabatricum* plant  
 Locality: Meok Village, Enggano District  
 Cultivation: PDA, 25°C

***Cryptococcus laurentii***

InaCC Number: InaCC Y278  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.27)  
 Source of sample: Leaf of *Piper nigrum*, Bali  
 Locality: Bali  
 Cultivation: PDA

***Cryptococcus laurentii***

InaCC Number: InaCC Y1505  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y282=Cis.S.09.F.1) ← LIPI (Atit Kanti, JSAT12-2-Y282)  
 Source of sample: Soil

Locality: Ciseeng, Bogor, West Java  
Cultivation: YM agar, 25°C

***Cryptococcus laurentii***

InaCC Number: InaCC **Y1535**  
History: LIPI (I Nyoman Sumerta, Y15Eg017)  
Source of sample: *Dillenia excels* leaf  
Locality: Malakoni Village, Enggano District  
Cultivation: PDA, 25°C

***Cryptococcus laurentii***

InaCC Number: InaCC **Y1413**  
History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y201=ST02LE4-B4) ← LIPI (Atit Kanti, JSAT11-2-Y201)  
Source of sample: Soil under *Symplocos cochinchinensis*  
Locality: Mt. Salak, Bogor, West Java  
Cultivation: YM agar, 25°C

***Cryptococcus laurentii***

InaCC Number: InaCC **Y1266**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y182) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y182)  
Source of sample: Decayed wood  
Locality: Cibodas Botanic Garden, Cipanas, West Java  
Cultivation: YMA

***Cryptococcus laurentii***

InaCC Number: InaCC **Y1267**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y183) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y183)  
Source of sample: Decayed wood  
Locality: Cibodas Botanic Garden, Cipanas, West Java  
Cultivation: YMA

***Cryptococcus laurentii***

InaCC Number: InaCC **Y1548**  
History: LIPI (I Nyoman Sumerta, Y15Eg063)  
Source of sample: Bougenville flower  
Locality: Malakoni Village, Enggano District

Cultivation: PDA, 25°C

***Cryptococcus luteus***

InaCC Number: InaCC **Y265**  
History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.072)  
Source of sample: Stem of *Piper bettle*, Bali  
Locality: Bali  
Cultivation: PDA

***Cryptococcus metallitolerans***

InaCC Number: InaCC **Y993**  
History: LIPI (A. Kanti, LIPI12-2-Y338) ← NITE (A. Yamazaki, TW1-3)  
Other CC: NBRC 111343  
Source of sample: Soil  
Locality: Lake Warna, Wonosobo, Central Java, Indonesia  
Cultivation: YM agar, 25°C

***Cryptococcus nemorosus***

InaCC Number: InaCC **Y1533**  
History: LIPI (I Nyoman Sumerta, Y15Eg014)  
Source of sample: *Dillenia excels* leaf  
Locality: Malakoni Village, Enggano District  
Cultivation: PDA, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y918**  
History: LIPI (A. Kanti, LIPI12-2-Y053) ← NITE (A. Yamazaki, Bank01-S01-7)  
Other CC: NBRC 111076  
Source of sample: Soil  
Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia  
Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y880**  
History: LIPI (A. Kanti, LIPI11-2-Y336) ← NITE (A. Yamazaki, ST04S3-3)  
Other CC: NBRC 111054  
Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1012**  
History: LIPI (A. Kanti, LIPI12-2-Y406) ← NITE (A. Yamazaki, DS-20-2)  
Other CC: NBRC 111109  
Source of sample: Soil  
Locality: Dramaga Protected Forest, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y924**  
History: LIPI (A. Kanti, LIPI12-2-Y079) ← NITE (A. Yamazaki, Bank05-S01-1)  
Other CC: NBRC 111078  
Source of sample: Soil  
Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia  
Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y933**  
History: LIPI (A. Kanti, LIPI12-2-Y122) ← NITE (A. Yamazaki, Bank11-S01-5)  
Other CC: NBRC 111083  
Source of sample: Soil  
Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia  
Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y871**  
History: LIPI (A. Kanti, LIPI11-2-Y298) ← NITE (A. Yamazaki, ST03S1-2)  
Other CC: NBRC 111051  
Source of sample: Soil  
Locality: Mt. Salak, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y978**  
History: LIPI (A. Kanti, LIPI12-2-Y273) ← NITE (A. Yamazaki, Cis.S.06.F.2)  
Other CC: NBRC 111096  
Source of sample: Soil  
Locality: Ciseeng, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1002**  
History: LIPI (A. Kanti, LIPI12-2-Y378) ← NITE (A. Yamazaki, DS-10-1)  
Other CC: NBRC 111106  
Source of sample: Soil  
Locality: Dramaga Protected Forest, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y821**  
History: LIPI (A. Kanti, LIPI11-2-Y024) ← NITE (A. Yamazaki, CS07. N-1)  
Other CC: NBRC 111022  
Source of sample: Soil around *Cinnamom campora* tree  
Locality: Cibodas Botanical Garden, Cipanas, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y998**  
History: LIPI (A. Kanti, LIPI12-2-Y358) ← NITE (A. Yamazaki, DS-01-2)  
Other CC: NBRC 111104  
Source of sample: Soil around *Shorea selanica*  
Locality: Dramaga Protected Forest, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y818**  
History: LIPI (A. Kanti, LIPI11-2-Y016) ← NITE (A. Yamazaki, CS06. N-3)

Other CC: NBRC 111020

Source of sample: Soil around *Chinchona pubescens* tree

Locality: Cibodas Botanical Garden, Cipanas, West Java, Indonesia

Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y854**

History: LIPI (A. Kanti, LIPI11-2-Y218) ← NITE (A. Yamazaki, ST01S1-1)

Other CC: NBRC 111044

Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1485**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y094=Bank06-S01-10) ← NITE (Atsushi Yamazaki, JSAT12-2-Y094)

Source of sample: Soil

Locality: Bangkirai, Balikpapan, East Kalimantan

Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1473**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y402=ST02Le1-2) ← NITE (Atsushi Yamazaki, JSAT11-2-Y402)

Source of sample: Soil under *Bellucia axinanthera*

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1478**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y063=Bank03-S01-3) ← NITE (Atsushi Yamazaki, JSAT12-2-Y063)

Source of sample: Soil

Locality: Bangkirai, Balikpapan, East Kalimantan

Cultivation: YM agar, 25°C

*Cryptococcus podzolicus*

InaCC Number: InaCC **Y1479**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y069=Bank04-S01-1) ← NITE (Atsushi Yamazaki, JSAT12-2-Y069)

Source of sample: Soil

Locality: Bangkirai, Balikpapan, East Kalimantan

Cultivation: YM agar, 25°C

*Cryptococcus podzolicus*

InaCC Number: InaCC **Y1481**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y071=Bank04-S01-2-2) ← NITE (Atsushi Yamazaki, JSAT12-2-Y071)

Source of sample: Soil

Locality: Bangkirai, Balikpapan, East Kalimantan

Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1482**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y077=Bank04-S01-8) ← NITE (Atsushi Yamazaki, JSAT12-2-Y077)

Source of sample: Soil

Locality: Bangkirai, Balikpapan, East Kalimantan

Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1525**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y402=DS-19-4) ← NITE (Atsushi Yamazaki, JSAT12-2-Y402)

Source of sample: Soil

Locality: Dramaga Protected Forest, Bogor, West Java

Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1484**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y093=Bank06-S01-9) ← NITE (Atsushi Yamazaki, JSAT12-2-Y093)

Source of sample: Soil

Locality: Bangkirai, Balikpapan, East Kalimantan

Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***InaCC Number: InaCC **Y1450**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y313=ST03S4-1) ← NITE (Atsushi Yamazaki, JSAT11-2-Y313)

Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***InaCC Number: InaCC **Y1486**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI12-2-Y101=Bank07-S01-8) ← NITE (Atsushi Yamazaki, JSAT12-2-Y101)

Source of sample: Soil

Locality: Bangkirai, Balikpapan, East Kalimantan

Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***InaCC Number: InaCC **Y1488**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI12-2-Y103=Bank07-S01-10) ← NITE (Atsushi Yamazaki, JSAT12-2-Y103)

Source of sample: Soil

Locality: Bangkirai, Balikpapan, East Kalimantan

Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***InaCC Number: InaCC **Y1489**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI12-2-Y108=Bank08-S01-6) ← NITE (Atsushi Yamazaki, JSAT12-2-Y108)

Source of sample: Soil

Locality: Bangkirai, Balikpapan, East Kalimantan

Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***InaCC Number: InaCC **Y1491**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI12-2-Y112=Bank09-S01-2) ← NITE (Atsushi Yamazaki, JSAT12-2-Y112)

Source of sample: Soil

Locality: Bangkirai, Balikpapan, East Kalimantan

Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***InaCC Number: InaCC **Y1515**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI12-2-Y363=DS-02-2) ← NITE (Atsushi Yamazaki, JSAT12-2-Y363)

Source of sample: Soil under *Shorea selanica*

Locality: Dramaga Protected Forest, Bogor, West Java

Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***InaCC Number: InaCC **Y1520**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI12-2-Y377=DS-09-3) ← NITE (Atsushi Yamazaki, JSAT12-2-Y377)

Source of sample: Soil

Locality: Dramaga Protected Forest, Bogor, West Java

Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***InaCC Number: InaCC **Y1483**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI12-2-Y085=Bank05-S01-9) ← NITE (Atsushi Yamazaki, JSAT12-2-Y085)

Source of sample: Soil

Locality: Bangkirai, Balikpapan, East Kalimantan

Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***InaCC Number: InaCC **Y1432**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y255=ST02S1-5) ← NITE (Atsushi Yamazaki, JSAT11-2-Y255)

Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***InaCC Number: InaCC **Y1382**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y033=CS15. N-1) ← NITE (Atsushi Yamazaki, JSAT11-2-Y033)

Source of sample: Soil under unknown tree

Locality: Cibodas Botanical Garden, Cipanas,  
West Java (6°44'43" S, 107°0'23" E)  
Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1416**  
History: NITE & LIPI (Atsushi Yamazaki &  
Atit Kanti, LIPI11-2-Y221=ST01S2-2) ← NITE  
(Atsushi Yamazaki, JSAT11-2-Y221)  
Source of sample: Soil  
Locality: Mt. Salak, Bogor, West Java  
Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1417**  
History: NITE & LIPI (Atsushi Yamazaki &  
Atit Kanti, LIPI11-2-Y222=ST01S2-3) ← NITE  
(Atsushi Yamazaki, JSAT11-2-Y222)  
Source of sample: Soil  
Locality: Mt. Salak, Bogor, West Java  
Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1418**  
History: NITE & LIPI (Atsushi Yamazaki &  
Atit Kanti, LIPI11-2-Y225=ST01S3-1) ← NITE  
(Atsushi Yamazaki, JSAT11-2-Y225)  
Source of sample: Soil  
Locality: Mt. Salak, Bogor, West Java  
Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1419**  
History: NITE & LIPI (Atsushi Yamazaki &  
Atit Kanti, LIPI11-2-Y227=ST01S3-3) ← NITE  
(Atsushi Yamazaki, JSAT11-2-Y227)  
Source of sample: Soil  
Locality: Mt. Salak, Bogor, West Java  
Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1420**  
History: NITE & LIPI (Atsushi Yamazaki &  
Atit Kanti, LIPI11-2-Y230=ST01S4-1) ← NITE  
(Atsushi Yamazaki, JSAT11-2-Y230)

Source of sample: Soil  
Locality: Mt. Salak, Bogor, West Java  
Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1463**  
History: NITE & LIPI (Atsushi Yamazaki &  
Atit Kanti, LIPI11-2-Y367=ST05S4-4) ← NITE  
(Atsushi Yamazaki, JSAT11-2-Y367)  
Source of sample: Soil  
Locality: Mt. Salak, Bogor, West Java  
Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1431**  
History: NITE & LIPI (Atsushi Yamazaki &  
Atit Kanti, LIPI11-2-Y252=ST02S1-2) ← NITE  
(Atsushi Yamazaki, JSAT11-2-Y252)  
Source of sample: Soil  
Locality: Mt. Salak, Bogor, West Java  
Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1451**  
History: NITE & LIPI (Atsushi Yamazaki &  
Atit Kanti, LIPI11-2-Y318=ST03S5-1) ← NITE  
(Atsushi Yamazaki, JSAT11-2-Y318)  
Source of sample: Soil  
Locality: Mt. Salak, Bogor, West Java  
Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1435**  
History: NITE & LIPI (Atsushi Yamazaki &  
Atit Kanti, LIPI11-2-Y264=ST02S3-5) ← NITE  
(Atsushi Yamazaki, JSAT11-2-Y264)  
Source of sample: Soil  
Locality: Mt. Salak, Bogor, West Java  
Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1445**  
History: NITE & LIPI (Atsushi Yamazaki &  
Atit Kanti, LIPI11-2-Y299=ST03S1-3) ← NITE  
(Atsushi Yamazaki, JSAT11-2-Y299)



Source of sample: Soil  
 Locality: Mt. Salak, Bogor, West Java  
 Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1446**  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y302=ST03S2-1) ← NITE (Atsushi Yamazaki, JSAT11-2-Y302)  
 Source of sample: Soil  
 Locality: Mt. Salak, Bogor, West Java  
 Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1448**  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y307=ST03S2-2) ← NITE (Atsushi Yamazaki, JSAT11-2-Y307)  
 Source of sample: Soil  
 Locality: Mt. Salak, Bogor, West Java  
 Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1449**  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y310=ST03S3-3) ← NITE (Atsushi Yamazaki, JSAT11-2-Y310)  
 Source of sample: Soil  
 Locality: Mt. Salak, Bogor, West Java  
 Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1434**  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y259=ST02S2-4) ← NITE (Atsushi Yamazaki, JSAT11-2-Y259)  
 Source of sample: Soil  
 Locality: Mt. Salak, Bogor, West Java  
 Cultivation: YM agar, 25°C

***Cryptococcus podzolicus***

InaCC Number: InaCC **Y1421**  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y234=ST01S5-1) ← NITE (Atsushi Yamazaki, JSAT11-2-Y234)

Source of sample: Soil  
 Locality: Mt. Salak, Bogor, West Java  
 Cultivation: YM agar, 25°C

***Cryptococcus rajasthanensis***

InaCC Number: InaCC **Y1258**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y167) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y167)  
 Source of sample: Yeast (starter)  
 Locality: Ubud Market, Ubud, Bali  
 Cultivation: PDA

***Cryptococcus rajasthanensis***

InaCC Number: InaCC **Y398**  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.11.CB.023)  
 Source of sample: Flower of corn  
 Locality: Cibinong, Bogor, West Java  
 Cultivation: PDA

***Cryptococcus rajasthanensis***

InaCC Number: InaCC **Y1021**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y012) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y012)  
 Other CC: NBRC 111548  
 Source of sample: Decayed wood  
 Locality: Mangrove Information Center (MIC), Denpasar, Bali  
 Cultivation: PDA

***Cryptococcus rajasthanensis***

InaCC Number: InaCC **Y248**  
 History: LIPI (Atit Kanti, LIPIMC 0979) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.52)  
 Source of sample: Stem of *Piper nigrum*, Bali  
 Locality: Bali  
 Cultivation: PDA

***Cryptococcus rajasthanensis***

InaCC Number: InaCC **Y1010**  
 History: LIPI (A. Kanti, LIPI12-2-Y401) ← NITE (A. Yamazaki, DS-19-1)

Other CC: NBRC 111354

Source of sample: Soil

Locality: Dramaga Protected Forest, Bogor, West Java, Indonesia (Latitude: S6°33'20", Longitude: E106°45'7")

Cultivation: YM agar, 25°C

***Cryptococcus rajasthanensis***

InaCC Number: InaCC **Y1180**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y031) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y031)

Source of sample: Decayed wood

Locality: Mangrove Information Center (MIC), Denpasar, Bali

Cultivation: YMA

***Cryptococcus sp.***

InaCC Number: InaCC **Y392**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.11.CB.016)

Source of sample: Flower of corn

Locality: Cibinong, Bogor, West Java

Cultivation: PDA

***Cryptococcus sp.***

InaCC Number: InaCC **Y1465**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y375=ST05Li3-1) ← NITE (Atsushi Yamazaki, JSAT11-2-Y375)

Source of sample: Litter

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Cryptococcus sp.***

InaCC Number: InaCC **Y369**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.55)

Source of sample: Litter of *Piper bettle*

Locality: Mt. Salak

Cultivation: PDA

***Cryptococcus sp.***

InaCC Number: InaCC **Y1471**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y399=ST04S3-1) ← NITE (Atsushi Yamazaki, JSAT11-2-Y399)

Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Cryptococcus sp.***

InaCC Number: InaCC **Y367**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.39)

Source of sample: Litter of *Piper bettle*

Locality: Mt. Salak

Cultivation: PDA

***Cryptococcus sp.***

InaCC Number: InaCC **Y1351**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y317) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y317)

Source of sample: Flower

Locality: LIPI, Ecology Park, Cibinong, West Java

Cultivation: YMA

***Cryptococcus sp.***

InaCC Number: InaCC **Y1487**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y102=Bank07-S01-9) ← NITE (Atsushi Yamazaki, JSAT12-2-Y102)

Source of sample: Soil

Locality: Bangkirai, Balikpapan, East Kalimantan

Cultivation: YM agar, 25°C

***Cryptococcus sp.***

InaCC Number: InaCC **Y961**

History: LIPI (A. Kanti, LIPI12-2-Y207) ← NITE (A. Yamazaki, Bank.09.Le.F.1)

Other CC: NBRC 111091

Source of sample: Leaves

Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y1504**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI12-2-Y272=Cis.S.06.F.1) ← LIPI (Atit Kanti, JSAT12-2-Y272)

Source of sample: Soil

Locality: Ciseeng, Bogor, West Java

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y1444**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y297=ST03S1-1.1) ← NITE (Atsushi Yamazaki, JSAT11-2-Y297)

Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y1349**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y313) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y313)

Source of sample: Litter

Locality: LIPI, Ecology Park, Cibinong, West Java

Cultivation: YMA

***Cryptococcus* sp.**InaCC Number: InaCC **Y1514**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI12-2-Y362=DS-02-1) ← NITE (Atsushi Yamazaki, JSAT12-2-Y362)

Source of sample: Soil under *Shorea selanica*

Locality: Dramaga Protected Forest, Bogor, West Java

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y1345**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y304) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y304)

Source of sample: Litter

Locality: LIPI, Ecology Park, Cibinong, West Java

Cultivation: YMA

***Cryptococcus* sp.**InaCC Number: InaCC **Y291**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.BS.75)

Source of sample: Leaf of *Piper bettle*, Bali

Locality: Bali

Cultivation: PDA

***Cryptococcus* sp.**InaCC Number: InaCC **Y287**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.BS.64)

Source of sample: Fruit of *Piper nigrum*, Bali

Locality: Bali

Cultivation: PDA

***Cryptococcus* sp.**InaCC Number: InaCC **Y286**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.BS.59)

Source of sample: Stem of *Piper nigrum*, Bali

Locality: Bali

Cultivation: PDA

***Cryptococcus* sp.**InaCC Number: InaCC **Y281**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.BS.45)

Source of sample: Leaf of *Piper nigrum*, Bali

Locality: Bali

Cultivation: PDA

***Cryptococcus* sp.**InaCC Number: InaCC **Y1517**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI12-2-Y368=DS-03-7) ← NITE (Atsushi Yamazaki, JSAT12-2-Y368)

Source of sample: Soil under palm tree

Locality: Dramaga Protected Forest, Bogor, West Java

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y1500**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI12-2-Y221=Bank.11.Le.DP.4) ← LIPI (Atit Kanti, JSAT12-2-Y221)

Source of sample: Leaves

Locality: Bangkirai, Balikpapan, East Kalimantan

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y900**

History: LIPI (A. Kanti, LIPI11-2-Y395) ← NITE (A. Yamazaki, ST03Li2-4)

Other CC: NBRC 111064

Source of sample: Litter

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y836**

History: LIPI (A. Kanti, LIPI11-2-Y128) ← NITE (A. Yamazaki, CLI03F1)

Other CC: NBRC 111034

Source of sample: Litter

Locality: Cibodas Botanical Garden, Cipanas, West Java, Indonesia

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y856**

History: LIPI (A. Kanti, LIPI11-2-Y237) ← NITE (A. Yamazaki, ST01Li2-1)

Other CC: NBRC 111046

Source of sample: Litter

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y866**

History: LIPI (A. Kanti, LIPI11-2-Y283) ← NITE (A. Yamazaki, ST02Li3-1)

Other CC: NBRC 111050

Source of sample: Litter

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y879**

History: LIPI (A. Kanti, LIPI11-2-Y333) ← NITE (A. Yamazaki, ST04S2-1)

Other CC: NBRC 111053

Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y1407**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y171=BBLE01) ← LIPI (Atit Kanti, JSAT11-2-Y171)

Source of sample: Soil under unknown tree

Locality: Bogor Botanical Garden, Bogor, West Java

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y882**

History: LIPI (A. Kanti, LIPI11-2-Y340) ← NITE (A. Yamazaki, ST04S5-2)

Other CC: NBRC 111056

Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y885**

History: LIPI (A. Kanti, LIPI11-2-Y344) ← NITE (A. Yamazaki, ST04Li2-2)

Other CC: NBRC 111058

Source of sample: Litter

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y887**

History: LIPI (A. Kanti, LIPI11-2-Y349) ← NITE (A. Yamazaki, ST04Li4-1)

Other CC: NBRC 111059

Source of sample: Litter

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y822**

History: LIPI (A. Kanti, LIPI11-2-Y026) ← NITE (A. Yamazaki, CS11. N-1)

Other CC: NBRC 111023

Source of sample: Soil around *Araucaria bidwillii* tree

Locality: Cibodas Botanical Garden, Cipanas, West Java, Indonesia

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y399**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.11.CB.024)

Source of sample: Stem of corn

Locality: Cibinong, Bogor West Java

Cultivation: PDA

***Cryptococcus* sp.**InaCC Number: InaCC **Y892**

History: LIPI (A. Kanti, LIPI11-2-Y371) ← NITE (A. Yamazaki, ST05S6-5)

Other CC: NBRC 111061

Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y1518**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI12-2-Y370=DS-05-4) ← NITE (Atsushi Yamazaki, JSAT12-2-Y370)

Source of sample: Soil under palm tree

Locality: Dramaga Protected Forest, Bogor, West Java

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y901**

History: LIPI (A. Kanti, LIPI11-2-Y396) ← NITE (A. Yamazaki, ST03Li4-1)

Other CC: NBRC 111065

Source of sample: Litter

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y902**

History: LIPI (A. Kanti, LIPI11-2-Y397) ← NITE (A. Yamazaki, ST03Li4-5)

Other CC: NBRC 111066

Source of sample: Litter

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y903**

History: LIPI (A. Kanti, LIPI11-2-Y398) ← NITE (A. Yamazaki, ST04S2-3)

Other CC: NBRC 111066

Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y1422**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y238=ST01Li2-2) ← NITE (Atsushi Yamazaki, JSAT11-2-Y238)

Source of sample: Litter

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y1424**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y240=ST01Li3-1) ← NITE (Atsushi Yamazaki, JSAT11-2-Y240)

Source of sample: Litter

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Cryptococcus* sp.**InaCC Number: InaCC **Y1430**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y251=ST02S1-1) ← NITE (Atsushi Yamazaki, JSAT11-2-Y251)

Source of sample: Soil  
 Locality: Mt. Salak, Bogor, West Java  
 Cultivation: YM agar, 25°C

***Cryptococcus* sp.**

InaCC Number: InaCC **Y1437**  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y266=ST02S4-2) ← NITE (Atsushi Yamazaki, JSAT11-2-Y266)  
 Source of sample: Soil  
 Locality: Mt. Salak, Bogor, West Java  
 Cultivation: YM agar, 25°C

***Cryptococcus* sp.**

InaCC Number: InaCC **Y412**  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.11.CB.039)  
 Source of sample: Flower of corn  
 Locality: Cibinong, Bogor, West Java  
 Cultivation: PDA

***Cryptococcus* sp.**

InaCC Number: InaCC **Y411**  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.11.CB.038)  
 Source of sample: Flower of corn  
 Locality: Cibinong, Bogor, West Java  
 Cultivation: PDA

***Cryptococcus* sp.**

InaCC Number: InaCC **Y1447**  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y305=ST03S3-1) ← NITE (Atsushi Yamazaki, JSAT11-2-Y305)  
 Source of sample: Soil  
 Locality: Mt. Salak, Bogor, West Java  
 Cultivation: YM agar, 25°C

***Cryptococcus* sp.**

InaCC Number: InaCC **Y890**  
 History: LIPI (A. Kanti, LIPI11-2-Y368) ← NITE (A. Yamazaki, ST05S6-1)  
 Other CC: NBRC 111060  
 Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Cryptococcus* sp.**

InaCC Number: InaCC **Y1519**  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y373=DS-05-7) ← NITE (Atsushi Yamazaki, JSAT12-2-Y373)  
 Source of sample: Soil under palm tree  
 Locality: Dramaga Protected Forest, Bogor, West Java  
 Cultivation: YM agar, 25°C

***Cryptococcus* sp.**

InaCC Number: InaCC **Y1036**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y219) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y219)  
 Other CC: NBRC 111563  
 Source of sample: Litter  
 Locality: Cibodas Botanic Garden, Cipanas, West Java  
 Cultivation: PDA

***Cryptococcus* sp.**

InaCC Number: InaCC **Y275**  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.21)  
 Source of sample: Leaf of *Piper nigrum*, Bali  
 Locality: Bali  
 Cultivation: PDA

***Cryptococcus* sp.**

InaCC Number: InaCC **Y1050**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y323) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y323)  
 Other CC: NBRC 111577  
 Source of sample: Decayed wood  
 Locality: Bogor Botanic Garden, Bogor, West Java  
 Cultivation: PDA

***Cryptococcus* sp.**

InaCC Number: InaCC Y362

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.56)

Source of sample: Litter of *Piper bettle*

Locality: Mt. Salak

Cultivation: PDA

***Cryptococcus taeanensis***

InaCC Number: InaCC Y268

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.BS.14)

Source of sample: Leaf of *Piper nigrum*, Bali

Locality: Bali

Cultivation: PDA

***Cryptococcus taibaiensis***

InaCC Number: InaCC Y289

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.BS.67)

Source of sample: Leaf of *Piper bettle*, Bali

Locality: Bali

Cultivation: PDA

***Cryptococcus yokohamensis***

InaCC Number: InaCC Y436

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.08.RA.008)

Source of sample: Soil

Locality: Waigeo, Raja Ampat, Papua

Cultivation: PDA

***Cryptococcus flavescens***

InaCC Number: InaCC Y264

History: LIPI (Atit Kanti, LIPIMC 0995) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.53)

Source of sample: Leaf of *Piper bettle*, Mt. Salak

Locality: Mt. Salak

Cultivation: PDA

***Cryptococcus flavescens***

InaCC Number: InaCC Y261

History: LIPI (Atit Kanti, LIPIMC 0992) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.42)

Source of sample: Leaf of *Piper bettle*, Mt. Salak

Locality: Mt. Salak

Cultivation: PDA

***Cryptococcus flavescens***

InaCC Number: InaCC Y262

History: LIPI (Atit Kanti, LIPIMC 0993) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.44)

Source of sample: Leaf of *Piper bettle*, Mt. Salak

Locality: Mount Salak

Cultivation: PDA

***Cyberlindnera fabianii***

InaCC Number: InaCC Y1065

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y034) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y034)

Source of sample: Starter (yeast cake)

Locality: Rakyat Market, Solok, West Sumatra

Cultivation: PDA

***Cyberlindnera fabianii***

InaCC Number: InaCC Y1116

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y128) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y128)

Source of sample: Starter (yeast cake)

Locality: Rakyat Market, Solok, West Sumatra

Cultivation: PDA

***Cyberlindnera fabianii***

InaCC Number: InaCC Y1178

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y027) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y027)

Source of sample: Decayed wood

Locality: Mangrove Information Center (MIC), Denpasar, Bali

Cultivation: PDA

***Cyberlindnera fabianii***

InaCC Number: InaCC Y764

History: LIPI (A. Kanti, LIPI13-2-Y222) ← NITE (R. Kobayashi, DXA29-1)

Other CC: NBRC 110304

Source of sample: Straw

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia

Cultivation: PDA

***Cyberlindnera fabianii***

InaCC Number: InaCC **Y1592**

History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR030)

Source of sample: Decay woods

Locality: Mt. Jantan, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Cyberlindnera rhodanensis***

InaCC Number: InaCC **Y756**

History: LIPI (A. Kanti, LIPI13-2-Y213) ← NITE (R. Kobayashi, DXA26-2)

Other CC: NBRC 110297

Source of sample: Woodchip

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia

Cultivation: PDA

***Cyberlindnera rhodanensis***

InaCC Number: InaCC **Y804**

History: LIPI (A. Kanti, LIPI13-2-Y300) ← NITE (R. Kobayashi, XYG26-1)

Other CC: NBRC 110342

Source of sample: Woodchip

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia

Cultivation: PDA

***Cyberlindnera rhodanensis***

InaCC Number: InaCC **Y1158**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y274-2) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y274-2)

Source of sample: Woodchip

Locality: Batusangkar, Tanah Datar, West Sumatra

Cultivation: PDA

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1269**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y188) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y188)

Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1371**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y347) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y347)

Source of sample: Litter

Locality: West Bogor, Bogor, West Java

Cultivation: PDA

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1357**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y327) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y327)

Source of sample: Soil

Locality: Bogor Botanic Garden, Bogor, West Java

Cultivation: PDA

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1350**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y316) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y316)

Source of sample: Soil

Locality: LIPI, Ecology Park, Cibinong, West Java

Cultivation: PDA

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1291**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y222) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y222)

Source of sample: Litter



Locality: Cibodas Botanic Garden, Cipanas,  
West Java  
Cultivation: PDA

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1373**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y350) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y350)  
Source of sample: Litter  
Locality: West Bogor, Bogor, West Java  
Cultivation: PDA

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y891**  
History: LIPI (A. Kanti, LIPI11-2-Y369) ← NITE (A. Yamazaki, ST05S6-3)  
Other CC: NBRC 111282  
Source of sample: Soil  
Locality: Mt. Salak, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1310**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y249) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y249)  
Source of sample: Soil  
Locality: Cibodas Botanic Garden, Cipanas,  
West Java  
Cultivation: PDA

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1539**  
History: LIPI (I Nyoman Sumerta, Y15Eg030)  
Source of sample: Soil around *Melastoma malabatricum* plant  
Locality: Meok Village, Enggano District  
Cultivation: PDA, 25°C

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1368**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y342) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y342)

Source of sample: Litter  
Locality: Bogor Botanic Garden, Bogor, West  
Java  
Cultivation: PDA

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1236**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y135) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y135)  
Source of sample: Decayed wood  
Locality: Eka Karya Bali Botanic Garden,  
Baturiti, Bali  
Cultivation: PDA

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1274**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y194) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y194)  
Source of sample: Litter  
Locality: Cibodas Botanic Garden, Cipanas,  
West Java  
Cultivation: PDA

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1296**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y232) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y232)  
Source of sample: Decayed wood  
Locality: Cibodas Botanic Garden, Cipanas,  
West Java  
Cultivation: PDA

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1365**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y335) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y335)  
Source of sample: Litter  
Locality: Bogor Botanic Garden, Bogor, West  
Java  
Cultivation: PDA

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y940**  
 History: LIPI (A. Kanti, LIPI12-2-Y138-2) ← NITE (A. Yamazaki, Cis-S01-2)  
 Other CC: NBRC 111308  
 Source of sample: Soil  
 Locality: Ciseeng, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1560**  
 History: LIPI (I Nyoman Sumerta, Y15Eg184)  
 Source of sample: Soil around petai plants  
 Locality: Taman Buru Village, Enggano District  
 Cultivation: PDA, 25°C

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1537**  
 History: LIPI (I Nyoman Sumerta, Y15Eg025)  
 Source of sample: Soil around *Dillenia excels* plant  
 Locality: Meok Village, Enggano District  
 Cultivation: PDA, 25°C

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1367**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y339) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y339)  
 Source of sample: Litter  
 Locality: Bogor Botanic Garden, Bogor, West Java  
 Cultivation: PDA

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1318**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y262) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y262)  
 Source of sample: Decayed wood  
 Locality: Cibodas Botanic Garden, Cipanas, West Java  
 Cultivation: PDA

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1538**  
 History: LIPI (I Nyoman Sumerta, Y15Eg027)  
 Source of sample: Soil around *Dillenia excels* plant  
 Locality: Meok Village, Enggano District  
 Cultivation: PDA, 25°C

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1306**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y244) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y244)  
 Source of sample: Litter  
 Locality: Cibodas Botanic Garden, Cipanas, West Java  
 Cultivation: PDA

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1314**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y256) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y256)  
 Source of sample: Litter  
 Locality: Cibodas Botanic Garden, Cipanas, West Java  
 Cultivation: PDA

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1379**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y363) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y363)  
 Source of sample: Decayed Wood  
 Locality: West Bogor, Bogor, West Java  
 Cultivation: PDA

***Cyberlindnera saturnus***

InaCC Number: InaCC **Y1562**  
 History: LIPI (I Nyoman Sumerta, Y15Eg198)  
 Source of sample: *Dillenia excels* waste  
 Locality: Meok Village, Enggano District  
 Cultivation: PDA, 25°C

***Cyberlindnera saturnus***InaCC Number: InaCC **Y1323**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y272) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y272)

Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Cyberlindnera saturnus***InaCC Number: InaCC **Y1378**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y360) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y360)

Source of sample: Decayed Wood

Locality: West Bogor, Bogor, West Java

Cultivation: PDA

***Cyberlindnera saturnus***InaCC Number: InaCC **Y1301**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y238) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y238)

Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Cyberlindnera saturnus***InaCC Number: InaCC **Y1302**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y239) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y239)

Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Cyberlindnera sp.***InaCC Number: InaCC **Y1123**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y142) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y142)

Source of sample: Dadih

Locality: Bawah, Bukittingi, West Sumatra

Cultivation: PDA

***Cyberlindnera sp.***InaCC Number: InaCC **Y1092**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y075) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y075)

Source of sample: Dadih

Locality: Bawah, Bukittingi, West Sumatra

Cultivation: PDA

***Cyberlindnera sp.***InaCC Number: InaCC **Y1145**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y173) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y173)

Source of sample: Dadih

Locality: Bawah, Bukittingi, West Sumatra

Cultivation: PDA

***Cyberlindnera sp.***InaCC Number: InaCC **Y1141**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y168) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y168)

Source of sample: Dadih

Locality: Bawah, Bukittingi, West Sumatra

Cultivation: PDA

***Cyberlindnera subsufficiens***InaCC Number: InaCC **Y948**

History: LIPI (A. Kanti, LIPI12-2-Y158) ← NITE (A. Yamazaki, Cis-S05-2)

Other CC: NBRC 111314

Source of sample: Soil

Locality: Ciseeng, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Cyberlindnera subsufficiens***InaCC Number: InaCC **Y1210**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y086) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y086)

Source of sample: Decayed wood  
 Locality: North Kuta, Badung, Bali  
 Cultivation: PDA

***Cyberlindnera subsufficiens***

InaCC Number: InaCC **Y872**  
 History: LIPI (A. Kanti, LIPI11-2-Y300-1) ← NITE (A. Yamazaki, ST03S1-4)  
 Other CC: NBRC 111272  
 Source of sample: Soil  
 Locality: Mt. Salak, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Cyberlindnera subsufficiens***

InaCC Number: InaCC **Y1079**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y056) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y056)  
 Source of sample: Dadih  
 Locality: Bawah, Bukittinggi, West Sumatra  
 Cultivation: PDA

***Debaryomyces carsonii***

InaCC Number: InaCC **Y99**  
 History: LIPI (Atit Kanti, LIPI MC 0200) ← LIPI (Atit Kanti, 54-11.31)  
 Source of sample: Exudate of black oak (*Quercus kelloggii*), +/- 5,000 ft  
 Locality: Knapp Yosemite area, California, USA  
 Cultivation: PDA

***Debaryomyces fabryi***

InaCC Number: InaCC **Y300**  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.31)  
 Source of sample: Leaf of *Piper bettle*, Mt. Salak  
 Locality: Mt. Salak  
 Cultivation: PDA

***Debaryomyces fabryi***

InaCC Number: InaCC **Y1219**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y105) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y105)

Source of sample: Decayed wood  
 Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali  
 Cultivation: PDA

***Debaryomyces fabryi***

InaCC Number: InaCC **Y1215**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y099) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y099)  
 Source of sample: Decayed wood  
 Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali  
 Cultivation: PDA

***Debaryomyces fabryi***

InaCC Number: InaCC **Y1223**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y111) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y111)  
 Source of sample: Decayed wood  
 Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali  
 Cultivation: PDA

***Debaryomyces hansenii***

InaCC Number: InaCC **Y415**  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.11.CB.042)  
 Source of sample: Flower of corn  
 Locality: Cibinong, Bogor, West Java  
 Cultivation: PDA

***Debaryomyces hansenii***

InaCC Number: InaCC **Y293**  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.02)  
 Source of sample: Leaf of *Piper bettle*, Mt. Salak  
 Locality: Mt. Salak  
 Cultivation: PDA

***Debaryomyces hansenii***

InaCC Number: InaCC **Y295**  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.05)

Source of sample: Leaf of *Piper bettle*, Mt. Salak  
 Locality: Mt. Salak  
 Cultivation: PDA

***Debaryomyces hansenii***

InaCC Number: InaCC Y397  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.11.CB.022)  
 Source of sample: Flower of corn  
 Locality: Cibinong, Bogor, West Java  
 Cultivation: PDA

***Debaryomyces hansenii***

InaCC Number: InaCC Y1555  
 History: LIPI (I Nyoman Sumerta, Y15Eg123)  
 Source of sample: Forest zalacca fruit  
 Locality: Taman Buru Village, Enggano District  
 Cultivation: PDA, 25°C

***Debaryomyces hansenii***

InaCC Number: InaCC Y301  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.32)  
 Source of sample: Leaf of *Piper bettle*, Mt. Salak  
 Locality: Mt. Salak  
 Cultivation: PDA

***Debaryomyces nepalensis***

InaCC Number: InaCC Y1336  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y290) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y290)  
 Source of sample: Soil  
 Locality: LIPI, Ecology Park, Cibinong, West Java  
 Cultivation: PDA

***Debaryomyces nepalensis***

InaCC Number: InaCC Y1344  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y300) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y300)  
 Source of sample: Soil

Locality: LIPI, Ecology Park, Cibinong, West Java  
 Cultivation: PDA

***Debaryomyces nepalensis***

InaCC Number: InaCC Y1375  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y354) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y354)  
 Source of sample: Litter  
 Locality: West Bogor, Bogor, West Java  
 Cultivation: PDA

***Debaryomyces nepalensis***

InaCC Number: InaCC Y1134  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y160) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y160)  
 Source of sample: Fermented honey comb (MASERM-Lebah)  
 Locality: Bawah, Bukittingi, West Sumatra  
 Cultivation: PDA

***Debaryomyces subglobosus***

InaCC Number: InaCC Y256  
 History: LIPI (Atit Kanti, LIPIMC 0987) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.03)  
 Source of sample: Flower of *Piper bettle*, Mt. Salak  
 Locality: Mt. Salak  
 Cultivation: PDA

***Debaryomyces subglobosus***

InaCC Number: InaCC Y299  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.24)  
 Source of sample: Leaf of *Piper bettle*, Mt. Salak  
 Locality: Mt. Salak  
 Cultivation: PDA

***Debaryomyces subglobosus***

InaCC Number: InaCC Y297  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.16)  
 Source of sample: Leaf of *Piper bettle*, Mt. Salak

Locality: Mount Salak

Cultivation: PDA

***Debaryomyces vanrijae* var. *vanrijae***

InaCC Number: InaCC **Y976**

History: LIPI (A. Kanti, LIPI12-2-Y268) ← NITE (A. Yamazaki, Cis.S.05.F.2)

Other CC: NBRC 111332

Source of sample: Soil

Locality: Ciseeng, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Debaryomyces vanrijae* var. *yarowii***

InaCC Number: InaCC **Y1164**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y004) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y004)

Source of sample: Decayed wood

Locality: Mangrove Information Center (MIC), Denpasar, Bali

Cultivation: YMA

***Debaryomyces vanrijae* var. *yarowii***

InaCC Number: InaCC **Y1167**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y008) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y008)

Source of sample: Decayed wood

Locality: Mangrove Information Center (MIC), Denpasar, Bali

Cultivation: PDA

***Dekkera bruxellensis***

InaCC Number: InaCC **Y1060**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y027) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y027)

Source of sample: Fermented black glutinous rice (tapai)

Locality: Rakyat Market, Solok, West Sumatra

Cultivation: PDA

***Dipodascus tetrasperma***

InaCC Number: InaCC **Y109**

History: LIPI (Atit Kanti, LIPIMC 0213) ← LIPI (Atit Kanti, 68-122)

Source of sample: Scrapings of conveyer belt

Locality: "At Sunsweet Prunes, Yuba City" California.

Cultivation: PDA

***Fellomyces* sp.**

InaCC Number: InaCC **Y832**

History: LIPI (A. Kanti, LIPI11-2-Y114) ← NITE (A. Yamazaki, CWS01-3)

Other CC: NBRC 111030

Source of sample: Soil around *Chinchona succiruba* tree

Locality: Cinchona plantation, Ciwidey, West Java, Indonesia

Cultivation: YM agar, 25°C

***Fellomyces* sp.**

InaCC Number: InaCC **Y845**

History: LIPI (A. Kanti, LIPI11-2-Y175) ← NITE (A. Yamazaki, BBLE05-2)

Other CC: NBRC 111040

Source of sample: Leaf

Locality: Bogor Botanical Garden, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Filobasidium* sp.**

InaCC Number: InaCC **Y1511**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y351=TP2-3) ← NITE (Atsushi Yamazaki, JSAT12-2-Y351)

Source of sample: Soil

Locality: Lake Pengilon, Wonosobo, Central Java

Cultivation: YM agar, 25°C

***Galactomyces geotrichum***

InaCC Number: InaCC **Y831**

History: LIPI (A. Kanti, LIPI11-2-Y112) ← NITE (A. Yamazaki, CWS01-1)

Other CC: NBRC 111253

Source of sample: Soil around *Chinchona succiruba* tree

Locality: Cinchona plantation, Ciwidey, West Java, Indonesia

Cultivation: YM agar, 25°C

***Galactomyces geotrihcum***

InaCC Number: InaCC Y325

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, PL.6.F.1)

Source of sample: Leaf litter

Locality: Protected Forest Papalia, South Konawe

Cultivation: PDA

***Geotrichum fragrans***

InaCC Number: InaCC Y1216

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y102-1) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y102-1)

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali

Cultivation: PDA

***Hanseniaspora occidentalis var. occidentalis***

InaCC Number: InaCC Y1360

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y330) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y330)

Source of sample: Decayed wood

Locality: Bogor Botanic Garden, Bogor, West Java

Cultivation: PDA

***Hanseniaspora opuntiae***

InaCC Number: InaCC Y1059

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y026) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y026)

Source of sample: Fermented black glutinous rice (tapai)

Locality: Rakyat Market, Solok, West Sumatra

Cultivation: PDA

***Hanseniaspora opuntiae***

InaCC Number: InaCC Y1066

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y035) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y035)

Source of sample: Fermented soybean (tauco)

Locality: Rakyat Market, Solok, West Sumatra

Cultivation: PDA

***Hanseniaspora opuntiae***

InaCC Number: InaCC Y734

History: LIPI (A. Kanti, LIPI13-2-Y007) ← NITE (R. Kobayashi, YMA8-1)

Other CC: NBRC 110275

Source of sample: Leaf of pine

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia

Cultivation: PDA

***Hanseniaspora opuntiae***

InaCC Number: InaCC Y1110

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y122) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y122)

Source of sample: Fermented black glutinous rice (tapai)

Locality: Rakyat Market, Solok, West Sumatra

Cultivation: PDA

***Hanseniaspora opuntiae***

InaCC Number: InaCC Y1118

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y132) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y132)

Source of sample: Dadih

Locality: Rakyat Market, Solok, West Sumatra

Cultivation: PDA

***Hanseniaspora opuntiae***

InaCC Number: InaCC Y1064

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y033) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y033)

Source of sample: Starter (yeast cake)

Locality: Rakyat Market, Solok, West Sumatra

Cultivation: PDA

***Hanseniaspora thailandica***

InaCC Number: InaCC Y1253

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y159) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y159)

Source of sample: Honey comb

Locality: Ubud Market, Ubud, Bali

Cultivation: PDA

***Hanseniaspora thailandica***

InaCC Number: InaCC Y1254

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y160) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y160)

Source of sample: Cassava tapai

Locality: Ubud Market, Ubud, Bali

Cultivation: PDA

***Hanseniaspora thailandica***

InaCC Number: InaCC Y1354

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y322) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y322)

Source of sample: Decayed wood

Locality: Bogor Botanic Garden, Bogor, West Java

Cultivation: PDA

***Hanseniaspora thailandica***

InaCC Number: InaCC Y349

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.08)

Source of sample: Leaf of *Piper bettle*

Locality: Mt. Salak

Cultivation: PDA

***Hanseniaspora thailandica***

InaCC Number: InaCC Y1205

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y076) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y076)

Source of sample: Decayed wood

Locality: North Kuta, Badung, Bali

Cultivation: PDA

***Hanseniaspora thailandica***

InaCC Number: InaCC Y1355

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y325) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y325)

Source of sample: Decayed wood

Locality: Bogor Botanic Garden, Bogor, West Java

Cultivation: PDA

***Hanseniaspora thailandica***

InaCC Number: InaCC Y1340

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y295) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y295)

Source of sample: Litter

Locality: LIPI, Ecology Park, Cibinong, West Java

Cultivation: PDA

***Hanseniaspora thailandica***

InaCC Number: InaCC Y1337

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y291) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y291)

Source of sample: Litter

Locality: LIPI, Ecology Park, Cibinong, West Java

Cultivation: PDA

***Hanseniaspora thailandica***

InaCC Number: InaCC Y1280

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y202) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y202)

Source of sample: Decayed wood

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Hyphopichia burtonii***

InaCC Number: InaCC Y749

History: LIPI (A. Kanti, LIPI13-2-Y177) ← NITE (R. Kobayashi, YMG47-3)

Other CC: NBRC 110290

Source of sample: Decayed wood



Locality: Anai Valley, Padang Panjang, West Sumatra, Indonesia  
Cultivation: PDA

***Hyphopichia burtonii***

InaCC Number: InaCC **Y740**  
History: LIPI (A. Kanti, LIPI13-2-Y080) ← NITE (R. Kobayashi, YMA47-1)  
Other CC: NBRC 110281  
Source of sample: Decayed wood  
Locality: Anai Valley, Padang Panjang, West Sumatra, Indonesia  
Cultivation: PDA

***Jaminaea angkoriensis***

InaCC Number: InaCC **Y886**  
History: LIPI (A. Kanti, LIPI11-2-Y348) ← NITE (A. Yamazaki, ST04Li3-4)  
Other CC: NBRC 111279  
Source of sample: Litter  
Locality: Mt. Salak, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Kazachstania africana***

InaCC Number: InaCC **Y1596**  
History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR034)  
Source of sample: Soil  
Locality: Mt. Betina, Karimun Regency, Riau Islands  
Cultivation: PDA, 25°C

***Kazachstania sp.***

InaCC Number: InaCC **Y1030**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y187) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y187)  
Other CC: NBRC 111557  
Source of sample: Soil  
Locality: Cibodas Botanic Garden, Cipanas, West Java  
Cultivation: PDA

***Kazachstania unispora***

InaCC Number: InaCC **Y732**  
History: LIPI (A. Kanti, LIPI13-2-Y001) ← NITE (R. Kobayashi, YMA3-1)  
Other CC: NBRC 110273  
Source of sample: Decayed wood  
Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia  
Cultivation: PDA

***Kazachstania unispora***

InaCC Number: InaCC **Y1358**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y328) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y328)  
Source of sample: Decayed wood  
Locality: Bogor Botanic Garden, Bogor, West Java  
Cultivation: PDA

***Kluyveromyces aestuarii***

InaCC Number: InaCC **Y1612**  
History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR084)  
Source of sample: Sediment  
Locality: Musodo Gulf, Karimun Regency, Riau Islands  
Cultivation: PDA, 25°C

***Kluyveromyces aestuarii***

InaCC Number: InaCC **Y1611**  
History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR080)  
Source of sample: Sediment  
Locality: Musodo Gulf, Karimun Regency, Riau Islands  
Cultivation: PDA, 25°C

***Kluyveromyces hubeiensis***

InaCC Number: InaCC **Y1572**  
History: LIPI (I Nyoman Sumerta, Y15Eg269)  
Source of sample: Mangrove Sedimen  
Locality: Belau water source, Meok, Enggano  
Cultivation: PDA, 25°C

*Kluyveromyces marxianus*InaCC Number: InaCC **Y1240**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y144) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y144)

Source of sample: Fermented red glutinous rice (tapai)

Locality: Ubud market, Ubud, Bali

Cultivation: PDA

*Kluyveromyces marxianus*InaCC Number: InaCC **Y642**

History: LIPI (Atit Kanti, K.15%.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.47)

Source of sample: Tauco

Locality: Pasar Baru, Bandung

Cultivation: PDA

*Kluyveromyces marxianus*InaCC Number: InaCC **Y119**

History: LIPI (Atit Kanti, LIPIMC 0224) ← LIPI (Atit Kanti, 71-13)

Source of sample: Yoghurt

Locality: Spain (Isolated from yoghurt by Santa Maria in Spain).

Cultivation: PDA

*Kluyveromyces marxianus*InaCC Number: InaCC **Y641**

History: LIPI (Atit Kanti, K.10%.2) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.46)

Source of sample: Tauco

Locality: Pasar Baru, Bandung

Cultivation: PDA

*Kluyveromyces marxianus*InaCC Number: InaCC **Y1259**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y169) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y169)

Source of sample: Yeast (starter)

Locality: Ubud Market, Ubud, Bali

Cultivation: PDA

*Kluyveromyces marxianus*InaCC Number: InaCC **Y643**

History: LIPI (Atit Kanti, K.15%G.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.48)

Source of sample: Tauco

Locality: Pasar Baru, Bandung

Cultivation: PDA

*Kluyveromyces marxianus*InaCC Number: InaCC **Y640**

History: LIPI (Atit Kanti, K.10%.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.45)

Source of sample: Tauco

Locality: Pasar Baru, Bandung

Cultivation: PDA

*Kluyveromyces marxianus*InaCC Number: InaCC **Y609**

History: LIPI (Atit Kanti, C.15%G.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.5)

Source of sample: Terasi

Locality: Pasar Baru, Bandung

Cultivation: PDA

*Kluyveromyces marxianus*InaCC Number: InaCC **Y622**

History: LIPI (Atit Kanti, F.30%G.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.21)

Source of sample: Tongcai

Locality: Pasar Baru, Bandung

Cultivation: PDA

*Kluyveromyces marxianus*InaCC Number: InaCC **Y610**

History: LIPI (Atit Kanti, C.30%G.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.6)

Source of sample: Terasi

Locality: Pasar Baru, Bandung

Cultivation: PDA

***Kluyveromyces marxianus***InaCC Number: InaCC **Y1256**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y162) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y162)

Source of sample: Cassava tapai

Locality: Ubud Market, Ubud, Bali

Cultivation: PDA

***Kluyveromyces marxianus***InaCC Number: InaCC **Y606**

History: LIPI (Atit Kanti, A.15%G.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.2)

Source of sample: Terasi

Locality: Pasar Baru, Bandung

Cultivation: PDA

***Kluyveromyces marxianus***InaCC Number: InaCC **Y673**

History: LIPI (Atit Kanti, P.10%.2) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.83)

Source of sample: Terasi

Locality: Gardu Jati, Bandung

Cultivation: PDA

***Kluyveromyces marxianus***InaCC Number: InaCC **Y672**

History: LIPI (Atit Kanti, P.10%.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.82)

Source of sample: Terasi

Locality: Gardu Jati, Bandung

Cultivation: PDA

***Kluyveromyces marxianus***InaCC Number: InaCC **Y1243**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y148) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y148)

Source of sample: Fermented green glutinous rice (tapai)

Locality: Ubud Market, Ubud, Bali

Cultivation: PDA

***Kluyveromyces marxianus***InaCC Number: InaCC **Y670**

History: LIPI (Atit Kanti, O.15%G.2) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.80)

Source of sample: Tongcai

Locality: Gardu Jati, Bandung

Cultivation: PDA

***Kluyveromyces marxianus***InaCC Number: InaCC **Y657**

History: LIPI (Atit Kanti, M.30%G.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.66)

Source of sample: Sedap malam

Locality: Gardu Jati, Bandung

Cultivation: PDA

***Kluyveromyces marxianus***InaCC Number: InaCC **Y644**

History: LIPI (Atit Kanti, K.30%G.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.49)

Source of sample: Tauco

Locality: Pasar Baru, Bandung

Cultivation: PDA

***Kluyveromyces marxianus***InaCC Number: InaCC **Y607**

History: LIPI (Atit Kanti, A.30%G.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.3)

Source of sample: Terasi

Locality: Pasar Baru, Bandung

Cultivation: PDA

***Kluyveromyces marxianus***InaCC Number: InaCC **Y608**

History: LIPI (Atit Kanti, C.10%.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.4)

Source of sample: Terasi

Locality: Pasar Baru, Bandung

Cultivation: PDA

***Kodamaea anthophila***InaCC Number: InaCC **Y1127**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y148-1)

Source of sample: Fermented soybean (tauco)

Locality: Bawah, Bukittinggi, West Sumatra

Cultivation: PDA

***Kodamaea anthophila***InaCC Number: InaCC **Y1081**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y059) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y059)

Source of sample: Fermented soybean (tauco)

Locality: Bawah, Bukittinggi, West Sumatra

Cultivation: PDA

***Kodamaea anthophila***InaCC Number: InaCC **Y1055**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y017) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y017)

Source of sample: Flower

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra

Cultivation: PDA

***Kodamaea ohmeri***InaCC Number: InaCC **Y1071**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y047) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y047)

Source of sample: Flower

Locality: Campago Resort Hotel, Bukittinggi, West Sumatra

Cultivation: PDA

***Kodamaea ohmeri***InaCC Number: InaCC **Y1552**

History: LIPI (I Nyoman Sumerta, Y15Eg086)

Source of sample: Mangrove leaf

Locality: Malakoni Village, Enggano District

Cultivation: PDA, 25°C

***Kodamaea ohmeri***InaCC Number: InaCC **Y1202**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y071) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y071)

Source of sample: Insect larvae

Locality: North Kuta, Badung, Bali

Cultivation: PDA

***Kodamaea ohmeri***InaCC Number: InaCC **Y1251**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y156) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y156)

Source of sample: Honey comb

Locality: Ubud Market, Ubud, Bali

Cultivation: PDA

***Kodamaea ohmeri***InaCC Number: InaCC **Y1598**

History: LIPI (I Nyoman Sumerta &amp; Atit Kanti, Y15KR041)

Source of sample: Leaf

Locality: Mt. Jantan, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Kodamaea ohmeri***InaCC Number: InaCC **Y1191**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y052) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y052)

Source of sample: Decayed wood

Locality: North Kuta, Badung, Bali

Cultivation: PDA

***Kodamaea ohmeri***InaCC Number: InaCC **Y1120**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y137) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y137)

Source of sample: Flower

Locality: Campago Resort Hotel, Bukittinggi, West Sumatra

Cultivation: PDA

***Kodamaea ohmeri***InaCC Number: InaCC **Y1582**

History: LIPI (I Nyoman Sumerta &amp; Atit Kanti, Y15KR013)

Source of sample: Litter

Locality: Mt. Jantan, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Kodamaea ohmeri***InaCC Number: InaCC **Y1616**

History: LIPI (I Nyoman Sumerta &amp; Atit Kanti, Y15KR096)

Source of sample: Glutinous rice

Locality: Maimun Market, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Komagataella phaffi***InaCC Number: InaCC **Y98**

History: LIPI (Atit Kanti, LIPIMC 0199) ← LIPI (Atit Kanti, 54-11.239)

Source of sample: Exudate of black oak flux (*Quercus kelloggii*), +/- 5,000 ft

Locality: Knapp, student of Herman Phaff "Central Sierra Madre" California, USA

Cultivation: PDA

***Kondoa* sp.**InaCC Number: InaCC **Y839**

History: LIPI (A. Kanti, LIPI11-2-Y162) ← NITE (A. Yamazaki, CLE07V1)

Other CC: NBRC 111035

Source of sample: Leaf

Locality: Cibodas Botanical Garden, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Kregervanrija* sp.**InaCC Number: InaCC **Y1221**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y107) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y107)

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali

Cultivation: PDA

***Kwoniella mangroviensis***InaCC Number: InaCC **Y896**

History: LIPI (A. Kanti, LIPI11-2-Y386) ← NITE (A. Yamazaki, ST05Le5-3)

Other CC: NBRC 111285

Source of sample: Leaf

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Lachancea fermentati***InaCC Number: InaCC **Y1176**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y025) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y025)

Source of sample: Decayed wood

Locality: Mangrove Information Center (MIC), Denpasar, Bali

Cultivation: PDA

***Lindnera amylophila***InaCC Number: InaCC **Y758**

History: LIPI (A. Kanti, LIPI13-2-Y216) ← NITE (R. Kobayashi, DXA27-1)

Other CC: NBRC 110354

Source of sample: Decayed wood (pine)

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia

Cultivation: PDA

***Lindnera amylophila***InaCC Number: InaCC **Y776**

History: LIPI (A. Kanti, LIPI13-2-Y247) ← NITE (R. Kobayashi, DXG27-3)

Other CC: NBRC 110352

Source of sample: Decayed wood

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia

Cultivation: PDA

***Lindnera jadinii***

InaCC Number: InaCC Y777  
 History: LIPI (A. Kanti, LIPI13-2-Y248) ← NITE (R. Kobayashi, DXG28-1)  
 Other CC: NBRC 110353  
 Source of sample: Decayed leaf of pine  
 Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia  
 Cultivation: PDA

***Lipomyces kononenkoae***

InaCC Number: InaCC Y911  
 History: LIPI (A. Kanti, LIPI12-2-Y030) ← NITE (A. Yamazaki, KBS01-S01-8)  
 Other CC: NBRC 111071  
 Source of sample: Soil  
 Locality: Wain River, Balikpapan, East Kalimantan, Indonesia  
 Cultivation: YM agar, 25°C

***Lipomyces mesembrius***

InaCC Number: InaCC Y851  
 History: LIPI (A. Kanti, LIPI11-2-Y214) ← NITE (A. Yamazaki, CWS02-3)  
 Other CC: NBRC 111041  
 Source of sample: Soil around *Chinchona succiruba* tree  
 Locality: Cinchona plantation, Ciwidey, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Lipomyces mesembrius***

InaCC Number: InaCC Y840  
 History: LIPI (A. Kanti, LIPI11-2-Y166) ← NITE (A. Yamazaki, CWS03-5)  
 Other CC: NBRC 111036  
 Source of sample: Soil around *Chinchona ledgeniana* tree  
 Locality: Cinchona plantation, Ciwidey, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Lipomyces mesembrius***

InaCC Number: InaCC Y843  
 History: LIPI (A. Kanti, LIPI11-2-Y170) ← NITE (A. Yamazaki, CWS04-8)

Other CC: NBRC 111039  
 Source of sample: Soil around *Chinchona ledgeniana* tree  
 Locality: Cinchona plantation, Ciwidey, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Lipomyces mesembrius***

InaCC Number: InaCC Y852  
 History: LIPI (A. Kanti, LIPI11-2-Y215) ← NITE (A. Yamazaki, CWS03-1)  
 Other CC: NBRC 111042  
 Source of sample: Soil around *Chinchona ledgeniana* tree  
 Locality: Cinchona plantation, Ciwidey, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Lipomyces mesembrius***

InaCC Number: InaCC Y842  
 History: LIPI (A. Kanti, LIPI11-2-Y169) ← NITE (A. Yamazaki, CWS04-1)  
 Other CC: NBRC 111038  
 Source of sample: Soil around *Chinchona ledgeniana* tree  
 Locality: Cinchona plantation, Ciwidey, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Lipomyces mesembrius***

InaCC Number: InaCC Y841  
 History: LIPI (A. Kanti, LIPI11-2-Y168) ← NITE (A. Yamazaki, CWS03-7)  
 Other CC: NBRC 111047  
 Source of sample: Soil around *Chinchona ledgeniana* tree  
 Locality: Cinchona plantation, Ciwidey, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Lipomyces sp.***

InaCC Number: InaCC Y730  
 History: LIPI & NITE (Atit Kanti & Atsushi Yamazaki, MT-S04-4)  
 Other CC: NBRC 110265

Source of sample: Soil  
 Locality: Maratua Island  
 Cultivation: YM agar

***Lipomyces* sp.**

InaCC Number: InaCC **Y731**  
 History: LIPI (Atit Kanti & Atsushi Yamazaki) ← NITE (Atsushi Yamazaki)  
 Other CC: NBRC 110266  
 Source of sample: Soil  
 Locality: Maratua Island  
 Cultivation: YM agar

***Lipomyces starkeyi***

InaCC Number: InaCC **Y833**  
 History: LIPI (A. Kanti, LIPI11-2-Y116) ← NITE (A. Yamazaki, CWS02-2)  
 Other CC: NBRC 111031  
 Source of sample: Soil around *Chinchona succiruba* tree  
 Locality: Cinchona plantation, Ciwidey, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Lipomyces starkeyi***

InaCC Number: InaCC **Y853**  
 History: LIPI (A. Kanti, LIPI11-2-Y216) ← NITE (A. Yamazaki, CWS04-7)  
 Other CC: NBRC 111043  
 Source of sample: Soil around *Chinchona ledgeniana* tree  
 Locality: Cinchona plantation, Ciwidey, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Lipomyces yarrowii***

InaCC Number: InaCC **Y916**  
 History: LIPI (A. Kanti, LIPI12-2-Y049) ← NITE (A. Yamazaki, Bank01-S01-2)  
 Other CC: NBRC 111745  
 Source of sample: Soil  
 Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia  
 Cultivation: YM agar, 25°C

***Lipomyces yarrowii***

InaCC Number: InaCC **Y914**  
 History: LIPI (A. Kanti, LIPI12-2-Y037) ← NITE (A. Yamazaki, KBS01-S01-15)  
 Other CC: NBRC 111074  
 Source of sample: Soil  
 Locality: Wain River, Balikpapan, East Kalimantan, Indonesia  
 Cultivation: YM agar, 25°C

***Lipomyces yarrowii***

InaCC Number: InaCC **Y910**  
 History: LIPI (A. Kanti, LIPI12-2-Y028) ← NITE (A. Yamazaki, KBS01-S01-6)  
 Other CC: NBRC 111070  
 Source of sample: Soil  
 Locality: Wain River, Balikpapan, East Kalimantan, Indonesia  
 Cultivation: YM agar, 25°C

***Lipomyces yarrowii***

InaCC Number: InaCC **Y925**  
 History: LIPI (A. Kanti, LIPI12-2-Y092-1) ← NITE (A. Yamazaki, Bank06-S01-8)  
 Other CC: NBRC 111079  
 Source of sample: Soil  
 Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia  
 Cultivation: YM agar, 25°C

***Lipomyces yarrowii***

InaCC Number: InaCC **Y909**  
 History: LIPI (A. Kanti, LIPI12-2-Y026) ← NITE (A. Yamazaki, KBS01-S01-4)  
 Other CC: NBRC 111069  
 Source of sample: Soil  
 Locality: Wain River, Balikpapan, East Kalimantan, Indonesia  
 Cultivation: YM agar, 25°C

***Lipomyces yarrowii***

InaCC Number: InaCC **Y912**  
 History: LIPI (A. Kanti, LIPI12-2-Y035) ← NITE (A. Yamazaki, KBS01-S01-13)

Other CC: NBRC 111072

Source of sample: Soil

Locality: Wain River, Balikpapan, East Kalimantan, Indonesia

Cultivation: YM agar, 25°C

***Lipomyces yarrowii***

InaCC Number: InaCC **Y913**

History: LIPI (A. Kanti, LIPI12-2-Y036) ← NITE (A. Yamazaki, KBS01-S01-14)

Other CC: NBRC 111073

Source of sample: Soil

Locality: Wain River, Balikpapan, East Kalimantan, Indonesia

Cultivation: YM agar, 25°C

***Lipomyces kononenkoae***

InaCC Number: InaCC **Y861**

History: LIPI (A. Kanti, LIPI11-2-Y263) ← NITE (A. Yamazaki, ST02S3-4)

Other CC: NBRC 111049

Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Lipomyces kononenkoae***

InaCC Number: InaCC **Y860**

History: LIPI (A. Kanti, LIPI11-2-Y261) ← NITE (A. Yamazaki, ST02S3-1)

Other CC: NBRC 111048

Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Lodderomyces elongisporus***

InaCC Number: InaCC **Y601**

History: InaCC ← LIPI (R. Melliawati) ← CBS (R. Melliawati), KT-PS

Source of sample: Udara

Locality: Indonesia

Cultivation: PDA

***Lodderomyces sp.***

InaCC Number: InaCC **Y1239**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y142) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y142)

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali

Cultivation: PDA

***Lodderomyces sp.***

InaCC Number: InaCC **Y1183**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y035) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y035)

Source of sample: Decayed wood

Locality: Mangrove Information Center (MIC), Denpasar, Bali

Cultivation: PDA

***Macalpinomyces sp.***

InaCC Number: InaCC **Y959**

History: LIPI (A. Kanti, LIPI12-2-Y202) ← NITE (A. Yamazaki, Bank.08.Le.F.6)

Other CC: NBRC 111089

Source of sample: Leaves

Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia

Cultivation: YM agar, 25°C

***Meira argovae***

InaCC Number: InaCC **Y949**

History: LIPI (A. Kanti, LIPI12-2-Y159) ← NITE (A. Yamazaki, Cis-S06)

Other CC: NBRC 111315

Source of sample: Soil

Locality: Ciseeng, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Metschnikowia sp.***

InaCC Number: InaCC **Y1037**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y224) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y224)

Other CC: NBRC 111564



Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas,  
West Java

Cultivation: PDA

***Metschnikowia koreensis***

InaCC Number: InaCC **Y1096**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y085) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y085)

Source of sample: Flower

Locality: Anai River, Padang Panjang, West  
Sumatra

Cultivation: PDA

***Metschnikowia koreensis***

InaCC Number: InaCC **Y1147**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y179) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y179)

Source of sample: Flower

Locality: Anai River, Padang Panjang, West  
Sumatra

Cultivation: PDA

***Metschnikowia koreensis***

InaCC Number: InaCC **Y1108**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y116) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y116)

Source of sample: Flower

Locality: Bung Hatta Botanical Garden, Padang,  
West Sumatra

Cultivation: PDA

***Metschnikowia koreensis***

InaCC Number: InaCC **Y318**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, PL1.W.10)

Source of sample: Leaf litter

Locality: Protected Forest Papalia, South Konawe

Cultivation: PDA

***Metschnikowia koreensis***

InaCC Number: InaCC **Y319**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, PL1.W.11)

Source of sample: Leaf litter

Locality: Protected Forest Papalia, South Konawe

Cultivation: PDA

***Metschnikowia pulcherrima***

InaCC Number: InaCC **Y94**

History: LIPI (Atit Kanti, LIPI11-2-Y195) ← LIPI (Atit Kanti, 40-214)

Source of sample: *Vitis labrusca* grapes

Locality: "Walnut Creek, Calif.", California, USA

Cultivation: PDA

***Metschnikowia reukaufii***

InaCC Number: InaCC **Y838**

History: LIPI (A. Kanti, LIPI11-2-Y152) ← NITE (A. Yamazaki, CF01M)

Other CC: NBRC 111255

Source of sample: Litter

Locality: Cinchona plantation, Ciwidey, West  
Java, Indonesia

Cultivation: YM agar, 25°C

***Metschnikowia sp.***

InaCC Number: InaCC **Y1507**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y318=KBS.01.Le.DP.1) ← LIPI (Atit Kanti, JSAT12-2-Y318)

Source of sample: Leaves

Locality: Wain River, Balikpapan, East  
Kalimantan

Cultivation: YM agar, 25°C

***Metschnikowia sp.***

InaCC Number: InaCC **Y1384**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y058=CLE01MF1) ← LIPI (Atit Kanti, JSAT11-2-Y058)

Source of sample: Soil under *Engelhardtia spicata* tree

Locality: Cibodas Botanical Garden, Cipanas,  
West Java

Cultivation: YM agar, 25°C

***Meyerozyma caribbica***InaCC Number: InaCC **Y1261**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y172) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y172)

Source of sample: Fermented soybean (tempeh)

Locality: Ubud Market, Ubud, Bali

Cultivation: PDA

***Meyerozyma caribbica***InaCC Number: InaCC **Y955**

History: LIPI (A. Kanti, LIPI12-2-Y185) ← NITE (A. Yamazaki, Bank.04.Le.V.2)

Other CC: NBRC 111319

Source of sample: Leaves

Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia

Cultivation: YM agar, 25°C

***Meyerozyma caribbica***InaCC Number: InaCC **Y1186**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y038) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y038)

Source of sample: Decayed wood

Locality: Mangrove Information Center (MIC), Denpasar, Bali

Cultivation: YMA

***Meyerozyma caribbica***InaCC Number: InaCC **Y1203**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y072) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y072)

Source of sample: Decayed wood

Locality: North Kuta, Badung, Bali

Cultivation: PDA

***Meyerozyma caribbica***InaCC Number: InaCC **Y658**

History: LIPI (Atit Kanti, N.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.67)

Source of sample: Yams tapai

Locality: Kuningan

Cultivation: PDA

***Meyerozyma caribbica***InaCC Number: InaCC **Y1211**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y087) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y087)

Source of sample: Decayed wood

Locality: North Kuta, Badung, Bali

Cultivation: PDA

***Meyerozyma caribbica***InaCC Number: InaCC **Y915**

History: LIPI (A. Kanti, LIPI12-2-Y047-2) ← NITE (A. Yamazaki, KBS01-S02-9)

Other CC: NBRC 111292

Source of sample: Soil

Locality: Wain River, Balikpapan, East Kalimantan, Indonesia

Cultivation: YM agar, 25°C

***Meyerozyma caribbica***InaCC Number: InaCC **Y1109**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y120) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y120)

Source of sample: Fruit

Locality: Janiah River, Padang, West Sumatra

Cultivation: PDA

***Meyerozyma caribbica***InaCC Number: InaCC **Y1187**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y041) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y041)

Source of sample: Decayed wood

Locality: Mangrove Information Center (MIC), Denpasar, Bali

Cultivation: PDA

***Meyerozyma caribbica***InaCC Number: InaCC **Y1228**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y117) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y117)

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden,  
Baturiti, Bali  
Cultivation: PDA

***Meyerozyma carribica***

InaCC Number: InaCC **Y1573**  
History: LIPI (I Nyoman Sumerta, Y15Eg297)  
Source of sample: Mangrove sediment  
Locality: Taman Buru Village, Enggano District  
Cultivation: PDA, 25°C

***Meyerozyma guilliermondii***

InaCC Number: InaCC **Y848**  
History: LIPI (A. Kanti, LIPI11-2-Y203) ← NITE  
(A. Yamazaki, ST03LE5-4)  
Other CC: NBRC 111259  
Source of sample: Leaf  
Locality: Mt. Salak, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Meyerozyma guilliermondii***

InaCC Number: InaCC **Y1260**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit  
Kanti, LIPI14-2-Y170) ← NITE & LIPI (Ryuichi  
Kobayashi & Atit Kanti, JSAT14-2-Y170)  
Source of sample: Fermented soybean (tempeh)  
Locality: Ubud Market, Ubud, Bali  
Cultivation: PDA

***Meyerozyma guilliermondii***

InaCC Number: InaCC **Y1206**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit  
Kanti, LIPI14-2-Y077) ← NITE & LIPI (Ryuichi  
Kobayashi & Atit Kanti, JSAT14-2-Y077)  
Source of sample: Decayed wood  
Locality: North Kuta, Badung, Bali  
Cultivation: PDA

***Meyerozyma guilliermondii***

InaCC Number: InaCC **Y378**  
History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &  
Yeni Yuliani, Y.11.CB.002)  
Source of sample: Stem of paddy  
Locality: Cibinong, Bogor, West Java  
Cultivation: PDA

***Meyerozyma guilliermondii***

InaCC Number: InaCC **Y889**  
History: LIPI (A. Kanti, LIPI11-2-Y358-2) ←  
NITE (A. Yamazaki, ST04Le5-B3.1)  
Other CC: NBRC 111281  
Source of sample: Leaf  
Locality: Mt. Salak, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Meyerozyma guilliermondii***

InaCC Number: InaCC **Y668**  
History: LIPI (Atit Kanti, O.2) ← LIPI (Atit Kanti,  
Yeni Yuliani & Anis Mutirani, Y.12.MF.78)  
Source of sample: Tongcai  
Locality: Gardu Jati, Bandung  
Cultivation: PDA

***Meyerozyma guilliermondii***

InaCC Number: InaCC **Y271**  
History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &  
Yeni Yuliani, Y.10.BS.02)  
Source of sample: Stem of *Piper nigrum*, Bali  
Locality: Bali  
Cultivation: PDA

***Microbotryomycetidae* sp.**

InaCC Number: InaCC **Y875**  
History: LIPI (A. Kanti, LIPI11-2-Y323) ← NITE  
(A. Yamazaki, ST03Li2-1)  
Other CC: NBRC 111052  
Source of sample: Litter  
Locality: Mt. Salak, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Microbotryomycetidae* sp.**

InaCC Number: InaCC **Y829**  
History: LIPI (A. Kanti, LIPI11-2-Y057) ← NITE  
(A. Yamazaki, 4 Bark N-1)  
Other CC: NBRC 111029  
Source of sample: Bark  
Locality: Cibodas Botanical Garden, Cipanas,  
West Java, Indonesia (Latitude: S6°44'42.5",  
Longitude: E107°0'22.5")  
Cultivation: YM agar, 25°C

***Microbotryozyma collariae***

InaCC Number: InaCC **Y814**  
 History: LIPI (A. Kanti, LIPI11-2-Y001) ← NITE (A. Yamazaki, CS01. N-1)  
 Other CC: NBRC 111248  
 Source of sample: Soil around *Engelhardtia spicata* tree  
 Locality: Cibodas Botanical Garden, Cipanas, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Microbotryozyma collariae***

InaCC Number: InaCC **Y823**  
 History: LIPI (A. Kanti, LIPI11-2-Y029) ← NITE (A. Yamazaki, CS13. N-1)  
 Other CC: NBRC 111251  
 Source of sample: Soil around *Hydrangea macrophylla* tree  
 Locality: Cibodas Botanical Garden, Cipanas, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Microbotryozyma collariae***

InaCC Number: InaCC **Y817**  
 History: LIPI (A. Kanti, LIPI11-2-Y012) ← NITE (A. Yamazaki, CS04. N-3)  
 Other CC: NBRC 111249  
 Source of sample: Soil around *Cinchona* sp. tree  
 Locality: Cibodas Botanical Garden, Cipanas, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Microbotryozyma* sp.**

InaCC Number: InaCC **Y816**  
 History: LIPI (A. Kanti, LIPI11-2-Y011) ← NITE (A. Yamazaki, CS04. N-2)  
 Other CC: NBRC 111019  
 Source of sample: Soil around *Cinchona* sp. tree  
 Locality: Cibodas Botanical Garden, Cipanas, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Microbotryozyma* sp.**

InaCC Number: InaCC **Y815**  
 History: LIPI (A. Kanti, LIPI11-2-Y008) ← NITE (A. Yamazaki, CS03. N-6)  
 Other CC: NBRC 111018  
 Source of sample: Soil around *Cinchona pubescens* tree  
 Locality: Cibodas Botanical Garden, Cipanas, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Myxozyma mucilagina***

InaCC Number: InaCC **Y126**  
 History: LIPI (Atit Kanti, LIPIMC 0232) ← LIPI (Atit Kanti, 76-236.3)  
 Source of sample: Rotting arm of agria cactus (*Stenocereus gummosus*)  
 Locality: Todos Santos, Baja California Sur, Mexico  
 Cultivation: PDA

***Myxozyma* sp.**

InaCC Number: InaCC **Y722**  
 History: LIPI (Atit Kanti, LIPI12-2-Y038) ← NITE (Atsushi Yamazaki)  
 Other CC: NBRC 110268  
 Source of sample: Soil  
 Locality: Wain River, Balikpapan  
 Cultivation: YM agar

***Nakazawaea* sp.**

InaCC Number: InaCC **Y1020**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y011) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y011)  
 Other CC: NBRC 111547  
 Source of sample: Decayed wood  
 Locality: Mangrove Information Center (MIC), Denpasar, Bali  
 Cultivation: PDA

***Occlitfur externus***

InaCC Number: InaCC **Y988**  
 History: LIPI (A. Kanti, LIPI12-2-Y327) ← NITE (A. Yamazaki, SL01-2)

Other CC: NBRC 111340  
 Source of sample: Soil  
 Locality: Eastern Kupang, NTT; Surabaya, East Java, Indonesia  
 Cultivation: YM agar, 25°C

***Ogataea* sp.**

InaCC Number: InaCC **Y1046**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y288) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y288)  
 Other CC: NBRC 111573  
 Source of sample: Soil  
 Locality: LIPI Ecology Park, Cibinong, West Java  
 Cultivation: PDA

***Pichia acaciae***

InaCC Number: InaCC **Y120**  
 History: LIPI (Atit Kanti, LIPIMC 0226) ← LIPI (Atit Kanti, 72-6)  
 Source of sample: Frass of Buprestidae larvae  
 Locality: Obtained from D. Ahearn.  
 Cultivation: PDA

***Pichia alni***

InaCC Number: InaCC **Y115**  
 History: LIPI (Atit Kanti, LIPIMC 0220) ← LIPI (Atit Kanti, 68-928.1)  
 Source of sample: Alnus frass  
 Locality: "10 mile west of Agassiz, Br. Columbia, Canada"  
 Cultivation: PDA

***Pichia anomala***

InaCC Number: InaCC **Y41**  
 History: LIPI (Atit Kanti, LIPIMC 0042) ← LIPI (Susono Saono, Y36II/1)  
 Source of sample: Yams tapai  
 Locality: Bandung  
 Cultivation: PDA

***Pichia anomala***

InaCC Number: InaCC **Y40**  
 History: LIPI (Atit Kanti, LIPIMC 0041) ← LIPI (Susono Saono, Y33II/1)

Source of sample: Yams tapai  
 Locality: Bandung  
 Cultivation: PDA

***Pichia anomala***

InaCC Number: InaCC **Y39**  
 History: LIPI (Atit Kanti, LIPIMC 0040) ← LIPI (Susono Saono, Y32II/3)  
 Source of sample: Yams tapai  
 Locality: Garut  
 Cultivation: PDA

***Pichia anomala***

InaCC Number: InaCC **Y43**  
 History: LIPI (Atit Kanti, LIPIMC 0044) ← LIPI (Susono Saono, Y37I/3)  
 Source of sample: Glutinous rice  
 Locality: Bandung  
 Cultivation: PDA

***Pichia anomala***

InaCC Number: InaCC **Y31**  
 History: LIPI (Atit Kanti, LIPIMC 0032) ← LIPI (Susono Saono, Y9II/1)  
 Source of sample: Yams tapai  
 Locality: Cianjur  
 Cultivation: PDA

***Pichia anomala***

InaCC Number: InaCC **Y44**  
 History: LIPI (Atit Kanti, LIPIMC 0046) ← LIPI (Susono Saono, Y25II/1a)  
 Source of sample: Black oncom  
 Locality: Garut  
 Cultivation: PDA

***Pichia anomala***

InaCC Number: InaCC **Y75**  
 History: LIPI (Atit Kanti, LIPIMC 0099) ← LIPI (Atit Kanti, CII/5.1)  
 Source of sample: Tapai yeast  
 Locality: Cianjur  
 Cultivation: PDA

***Pichia anomala***

InaCC Number: InaCC Y71

History: LIPI (Atit Kanti, LIPIMC 0094) ← LIPI (Atit Kanti, CI/3.2)

Source of sample: Tapai yeast

Locality: Cianjur

Cultivation: PDA

***Pichia anomala***

InaCC Number: InaCC Y42

History: LIPI (Atit Kanti, LIPIMC 0043) ← LIPI (Susono Saono, Y37I/2)

Source of sample: Glutinous rice

Locality: Bandung

Cultivation: PDA

***Pichia anomala***

InaCC Number: InaCC Y32

History: LIPI (Atit Kanti, LIPIMC 0033) ← LIPI (Susono Saono, Y14II/1)

Source of sample: Yeast

Locality: Cianjur

Cultivation: PDA

***Pichia anomala***

InaCC Number: InaCC Y33

History: LIPI (Atit Kanti, LIPIMC 0034) ← LIPI (Susono Saono, Y14II/2)

Source of sample: Yeast

Locality: Cianjur

Cultivation: PDA

***Pichia barkeri***

InaCC Number: InaCC Y1252

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y158) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y158)

Source of sample: Honey comb

Locality: Ubud Market, Ubud, Bali

Cultivation: PDA

***Pichia burtonii***

InaCC Number: InaCC Y1554

History: LIPI (I Nyoman Sumerta, Y15Eg122)

Source of sample: Forest zalacca fruit

Locality: Taman Buru Village, Enggano District

Cultivation: PDA, 25°C

***Pichia caribbica***

InaCC Number: InaCC Y1015

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y024) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y024)

Other CC: NBRC 111542

Source of sample: Fruit

Locality: Janiah River, Padang, West Sumatra

Cultivation: PDA

***Pichia castillae***

InaCC Number: InaCC Y121

History: LIPI (Atit Kanti, LIPIMC 0227) ← LIPI (Atit Kanti, 72-7S)

Source of sample: Frass of insect infesting *Gymnocladus canadensis*

Locality: Obtained from D. Ahearn.

Cultivation: PDA

***Pichia dryadoides***

InaCC Number: InaCC Y128

History: LIPI (Atit Kanti, LIPIMC 0236) ← LIPI (Atit Kanti, 80-296)

Source of sample: Ex. tunnels of the pin hole borer *Platypus externedentatus*Locality: NRRL (originally van der Walt) Infesting *Ficus* spp. in Natal, South Africa

Cultivation: PDA

***Pichia fabianii***

InaCC Number: InaCC Y628

History: LIPI (Atit Kanti, H.2) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.28)

Source of sample: Yeast

Locality: Pasar Baru, Bandung

Cultivation: PDA

***Pichia fluxuum***

InaCC Number: InaCC Y100

History: LIPI (Atit Kanti, LIPIMC 0201) ← LIPI (Atit Kanti, 54-11.369)

Source of sample: Exudate of black oak (*Quercus kelloggii*), +/- 5,000 ft

Locality: Knapp "Mather, Yosemite area" California.

Cultivation: PDA

***Pichia guilliermondii***

InaCC Number: InaCC **Y428**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.TP.038)

Source of sample: Soil

Locality: Tanjung Peropa, South East Sulawesi

Cultivation: PDA

***Pichia guilliermondii***

InaCC Number: InaCC **Y1009**

History: LIPI (A. Kanti, LIPI12-2-Y400) ← NITE (A. Yamazaki, DS-16-10)

Other CC: NBRC 111353

Source of sample: Soil

Locality: Dramaga Protected Forest, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Pichia holstii***

InaCC Number: InaCC **Y106**

History: LIPI (Atit Kanti, LIPIMC 0210) ← LIPI (Atit Kanti, 61-13)

Source of sample: Frass of yellow spruce

Locality: Gaspe Peninsula, Canada

Cultivation: PDA

***Pichia kluyveri***

InaCC Number: InaCC **Y1460**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y357=ST04Le5-B2) ← NITE (Atsushi Yamazaki, JSAT11-2-Y357)

Source of sample: Soil under *Agathis dammara*

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Pichia kluyveri***

InaCC Number: InaCC **Y849**

History: LIPI (A. Kanti, LIPI11-2-Y211) ← NITE (A. Yamazaki, ST04LE5-2)

Other CC: NBRC 111260

Source of sample: Leaf

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Pichia kluyveri***

InaCC Number: InaCC **Y898**

History: LIPI (A. Kanti, LIPI11-2-Y388) ← NITE (A. Yamazaki, ST05Le5-6)

Other CC: NBRC 111287

Source of sample: Leaf

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Pichia kluyveri***

InaCC Number: InaCC **Y1459**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y353=ST04Le5-5) ← NITE (Atsushi Yamazaki, JSAT11-2-Y353)

Source of sample: Soil under *Agathis dammara*

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Pichia kluyveri var. kluyveri***

InaCC Number: InaCC **Y1093**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y077) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y077)

Source of sample: Dadih

Locality: Bawah, Bukittinggi, West Sumatra

Cultivation: PDA

***Pichia kudriavsevii***

InaCC Number: InaCC **Y1590**

History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR028)

Source of sample: Decay woods

Locality: Mt. Jantan, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Pichia kudriavzevii***

InaCC Number: InaCC **Y684**

History: LIPI (Atit Kanti, RB.10%.2) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.96)

Source of sample: Yeast

Locality: Bali

Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y685**

History: LIPI (Atit Kanti, RB.15%G.1) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.97)

Source of sample: Yeast

Locality: Bali

Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y650**

History: LIPI (Atit Kanti, L.15%.1) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.58)

Source of sample: Cassava tapai

Locality: Sumedang

Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y686**

History: LIPI (Atit Kanti, RB.30%G.1) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.98)

Source of sample: Yeast

Locality: Bali

Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y688**

History: LIPI (Atit Kanti, TB.15%.1) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.100)

Source of sample: Tapai

Locality: Bali

Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y621**

History: LIPI (Atit Kanti, E.15%G.1) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.20)

Source of sample: Tauco

Locality: Cirebon Market, Cirebon

Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y1370**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y346) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y346)

Source of sample: Decayed wood

Locality: West Bogor, Bogor, West Java

Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y616**

History: LIPI (Atit Kanti, E.10%.1) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.15)

Source of sample: Tauco

Locality: Pasar Cirebon, Cirebon

Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y687**

History: LIPI (Atit Kanti, TB.10%.1) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.99)

Source of sample: Tapai

Locality: Bali

Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y1241**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y145) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y145)

Source of sample: Fermented red glutinous rice (tapai)

Locality: Ubud Market, Ubud, Bali

Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y1074**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y050) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y050)

Source of sample: Yeast (starter)



Locality: Bawah, Bukittinggi, West Sumatra  
Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y1073**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y049) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y049)  
Source of sample: Yeast (starter), Bauwuh  
Locality: Bawah, Bukittinggi, West Sumatra  
Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y1067**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y036) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y036)  
Source of sample: Dadih  
Locality: Rakyat Market, Solok, West Sumatra  
Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y1063**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y032) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y032)  
Source of sample: Water from fermented white glutinous rice (tapai)  
Locality: Rakyat Market, Solok, West Sumatra  
Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y1137**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y163) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y163)  
Source of sample: Honey  
Locality: Bawah, Bukittinggi, West Sumatra  
Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y1077**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y053) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y053)

Source of sample: Fermented cassava (tapai)  
Locality: Bawah, Bukittinggi, West Sumatra  
Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y1150**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y182) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y182)  
Source of sample: Flower  
Locality: Anai Valley, Padang Panjang, West Sumatra  
Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y1262**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y174) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y174)  
Source of sample: Fermented soybean (tempeh)  
Locality: Ubud Market, Ubud, Bali  
Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y1246**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y151) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y151)  
Source of sample: Fermented green glutinous rice (tapai)  
Locality: Ubud Market, Ubud, Bali  
Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y1257**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y165) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y165)  
Source of sample: Yeast (starter)  
Locality: Ubud Market, Ubud, Bali  
Cultivation: PDA

***Pichia kudriavzevii***InaCC Number: InaCC **Y1255**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y161) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y161)

Source of sample: Cassava tapai

Locality: Ubud Market, Ubud, Bali

Cultivation: PDA

***Pichia kudriavzevii***InaCC Number: InaCC **Y1247**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y152) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y152)

Source of sample: Yeast (starter)

Locality: Ubud Market, Ubud, Bali

Cultivation: PDA

***Pichia kudriavzevii***InaCC Number: InaCC **Y1146**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y178) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y178)

Source of sample: Flower

Locality: Anai River, Padang Panjang, West Sumatra

Cultivation: PDA

***Pichia kudriavzevii***InaCC Number: InaCC **Y1148**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y180) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y180)

Source of sample: Flower

Locality: Anai River, Padang Panjang, West Sumatra

Cultivation: PDA

***Pichia kudriavzevii***InaCC Number: InaCC **Y1138**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y164) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y164)

Source of sample: Fermented black glutinous rice (lamang-tapai)

Locality: Bawah, Bukittinggi, West Sumatra

Cultivation: PDA

***Pichia kudriavzevii***InaCC Number: InaCC **Y1113**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y125) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y125)

Source of sample: Water from fermented white glutinous rice (tapai)

Locality: Rakyat Market, Solok, West Sumatra

Cultivation: PDA

***Pichia kudriavzevii***InaCC Number: InaCC **Y1099**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y088) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y088)

Source of sample: Flower

Locality: Anai Valley, Padang Panjang, West Sumatra

Cultivation: PDA

***Pichia kudriavzevii***InaCC Number: InaCC **Y1090**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y073) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y073)

Source of sample: Honey

Locality: Bawah, Bukittinggi, West Sumatra

Cultivation: PDA

***Pichia kudriavzevii***InaCC Number: InaCC **Y1112**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y124) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y124)

Source of sample: Fermented cassava (tapai)

Locality: Rakyat Market, Solok, West Sumatra

Cultivation: PDA

***Pichia kudriavzevii***InaCC Number: InaCC **Y1098**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y087) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y087)

Source of sample: Flower

Locality: Anai River, Padang Panjang, West Sumatra

Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y1091**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y074) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y074)

Source of sample: Fermented black glutinous rice (lamang-tapai)

Locality: Bawah, Bukittingi, West Sumatra

Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y1095**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y083) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y083)

Source of sample: Flower

Locality: Anai River, Padang Panjang, West Sumatra

Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y1208**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y081) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y081)

Source of sample: Decayed wood

Locality: North Kuta, Badung, Bali

Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y1085**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y065) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y065)

Source of sample: Fermented cassava (tapai)

Locality: Bawah, Bukittingi, West Sumatra

Cultivation: PDA

***Pichia manshurica***

InaCC Number: InaCC **Y1287**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y214) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y214)

Source of sample: Litter

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Pichia manshurica***

InaCC Number: InaCC **Y1329**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y280) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y280)

Source of sample: Decayed wood

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Pichia manshurica***

InaCC Number: InaCC **Y1558**

History: LIPI (I Nyoman Sumerta, Y15Eg170)

Source of sample: Soil around coconut plant

Locality: Banjar Sari Village, Enggano District

Cultivation: PDA, 25°C

***Pichia manshurica***

InaCC Number: InaCC **Y329**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.03)

Source of sample: Soil

Locality: Bali

Cultivation: PDA

***Pichia norvegensis***

InaCC Number: InaCC **Y779**

History: LIPI (A. Kanti, LIPI13-2-Y251) ← NITE (R. Kobayashi, DXG29-1)

Other CC: NBRC 110317

Source of sample: straw

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia

Cultivation: PDA

***Pichia occidentalis***

InaCC Number: InaCC **Y1117**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y131) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y131)

Source of sample: Dadih

Locality: Rakyat Market, Solok, West Sumatra

Cultivation: PDA

***Pichia ohmeri***

InaCC Number: InaCC **Y124**

History: LIPI (Atit Kanti, LIPIMC 0230) ← LIPI (Atit Kanti, 75-54)

Source of sample: Sambal ulek (Indonesian fermented chili peppers)

Locality: Indonesia

Cultivation: PDA

***Pichia ohmeri***

InaCC Number: InaCC **Y101**

History: LIPI (Atit Kanti, LIPIMC 0202) ← LIPI (Atit Kanti, 54-7)

Source of sample: Sambal ulek (Indonesian fermented chili peppers)

Locality: Culture obtained from NRRL Indonesia

Cultivation: PDA

***Pichia pini***

InaCC Number: InaCC **Y125**

History: LIPI (Atit Kanti, LIPIMC 0231) ← LIPI (Atit Kanti, 75-76)

Source of sample: *Dendroctonus brevicomis* (pine bark beetle)

Locality: Holst, USA.

Cultivation: PDA

***Pichia scolyti***

InaCC Number: InaCC **Y104**

History: LIPI (Atit Kanti, LIPIMC 0208) ← LIPI (Atit Kanti, 59-62)

Source of sample: Frass of *Scolytus ventralis* in *Abies concolor*

Locality: "Sly Park Lake, Sierras" California, USA

Cultivation: PDA

***Pichia silvicola***

InaCC Number: InaCC **Y95**

History: LIPI (Atit Kanti, LIPIMC 0196) ← LIPI (Atit Kanti, 50-342)

Source of sample: Gum of *Prunus serotena*

Locality: Obtained from NRRL 06/50, Peoria, IL

Cultivation: PDA

***Pichia sp.***

InaCC Number: InaCC **Y1042**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y260) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y260)

Other CC: NBRC 111569

Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Pichia sp.***

InaCC Number: InaCC **Y1492**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y123=Bank11-S01-6) ← NITE (Atsushi Yamazaki, JSAT12-2-Y123)

Source of sample: Soil

Locality: Bangkirai, Balikpapan, East Kalimantan

Cultivation: YM agar, 25°C

***Pichia sp.***

InaCC Number: InaCC **Y1476**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y031=KBS01-S01-9) ← NITE (Atsushi Yamazaki, JSAT12-2-Y031)

Source of sample: Soil

Locality: Wain River, Balikpapan, East Kalimantan

Cultivation: YM agar, 25°C

***Pichia sp.***

InaCC Number: InaCC **Y1440**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y287=ST02Le5-1) ← NITE (Atsushi Yamazaki, JSAT11-2-Y287)

Source of sample: Soil under tea plant (*Camellia sinensis*)

Locality: Mt. Salak, Bogor, West Java  
Cultivation: YM agar, 25°C

***Pichia* sp.**

InaCC Number: InaCC **Y1316**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y259) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y259)  
Source of sample: Soil  
Locality: Cibodas Botanic Garden, Cipanas, West Java  
Cultivation: PDA

***Pichia* sp.**

InaCC Number: InaCC **Y1496**  
History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y162-2) ← NITE (Atsushi Yamazaki, JSAT12-2-Y162-2)  
Source of sample: Soil  
Locality: Ciseeng, Bogor, West Java  
Cultivation: YM agar, 25°C

***Pichia* sp.**

InaCC Number: InaCC **Y1498**  
History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y189-1) ← LIPI (Atit Kanti, JSAT12-2-Y189-1)  
Source of sample: Leaves  
Locality: Bangkirai, Balikpapan, East Kalimantan  
Cultivation: YM agar, 25°C

***Pichia* sp.**

InaCC Number: InaCC **Y957**  
History: LIPI (A. Kanti, LIPI12-2-Y190) ← NITE (A. Yamazaki, Bank.05.Le.F.3)  
Other CC: NBRC 111088  
Source of sample: Leaves  
Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia  
Cultivation: YM agar, 25°C

***Pichia* sp.**

InaCC Number: InaCC **Y1017**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y091) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y091)

Other CC: NBRC 111544  
Source of sample: Fermented fruit  
Locality: Bander, Padang, West Sumatra  
Cultivation: PDA

***Pichia* sp.**

InaCC Number: InaCC **Y1039**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y233) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y233)  
Other CC: NBRC 111566  
Source of sample: Decayed wood  
Locality: Cibodas Botanic Garden, Cipanas, West Java  
Cultivation: PDA

***Pichia* sp.**

InaCC Number: InaCC **Y1044**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y268) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y268)  
Other CC: NBRC 111571  
Source of sample: Decayed wood  
Locality: Cibodas Botanic Garden, Cipanas, West Java  
Cultivation: PDA

***Pichia* sp.**

InaCC Number: InaCC **Y229**  
History: LIPI (Atit Kanti, LIPIMC 0541) ← LIPI (Atit Kanti, MKL.6.W.3)  
Source of sample: Litter  
Locality: Protected Forest Mekongga, Tinukari, North Kolaka  
Cultivation: PDA

***Pichia* sp.**

InaCC Number: InaCC **Y1045**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y276) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y276)  
Other CC: NBRC 111572  
Source of sample: Soil  
Locality: Cibodas Botanic Garden, Cipanas, West Java  
Cultivation: PDA

***Pichia sp.***

InaCC Number: InaCC **Y1019**

History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y193) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y193)

Other CC: NBRC 111546

Source of sample: Fermented bamboo shoot

Locality: Market, Padang, West Sumatra

Cultivation: PDA

***Pichia sp.***

InaCC Number: InaCC **Y1522**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y391=DS-14-3) ← NITE (Atsushi Yamazaki, JSAT12-2-Y391)

Source of sample: Soil

Locality: Dramaga Protected Forest, Bogor, West Java

Cultivation: YM agar, 25°C

***Pichia trypodendroni (like new species)***

InaCC Number: InaCC **Y327**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, MKL.6.DP.3)

Source of sample: Leaf litter

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: PDA

***Pichia wickerhamii***

InaCC Number: InaCC **Y105**

History: LIPI (Atit Kanti, LIPIMC 0209) ← LIPI (Atit Kanti, 60-23)

Source of sample: The larval gut and frass of Pyralidae larvae in *Encephalartos* sp.

Locality: Received from J.P.v.d. Walt in 1960, South Africa

Cultivation: PDA

***Pichia kudriavzevii***

InaCC Number: InaCC **Y1610**

History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR076)

Source of sample: Fermented glutinous rice

Locality: Maimun Market, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Pichia kudriavzevii***

InaCC Number: InaCC **Y1623**

History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR105)

Source of sample: Cassava tapai

Locality: Maimun Market, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Pseudozyma antarctica***

InaCC Number: InaCC **Y942**

History: LIPI (A. Kanti, LIPI12-2-Y140) ← NITE (A. Yamazaki, Cis-S02-2)

Other CC: NBRC 111310

Source of sample: Soil

Locality: Ciseeng, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Pseudozyma antarctica***

InaCC Number: InaCC **Y380**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.11.CB.004)

Source of sample: Leaf of paddy

Locality: Cibinong, Bogor West Java

Cultivation: PDA

***Pseudozyma antarctica***

InaCC Number: InaCC **Y382**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.11.CB.006)

Source of sample: Leaf of paddy

Locality: Cibinong, Bogor West Java

Cultivation: PDA

***Pseudozyma antarctica***

InaCC Number: InaCC **Y1526**

History: LIPI (I Nyoman Sumerta, Y15Eg001)

Source of sample: Kacapiring (*Gardenia jasminoides*) leaf

Locality: Malakoni Village, Enggano District

Cultivation: PDA, 25°C

***Pseudozyma aphidis***

InaCC Number: InaCC Y1550

History: LIPI (I Nyoman Sumerta, Y15Eg076)

Source of sample: Kacapiring (*Gardenia jasminoides*) leaf

Locality: Malakoni Village, Enggano District

Cultivation: PDA, 25°C

***Pseudozyma aphidis***

InaCC Number: InaCC Y273

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.BS.16)

Source of sample: stem of *Piper nigrum*, Bali

Locality: Bali

Cultivation: PDA

***Pseudozyma aphidis***

InaCC Number: InaCC Y1549

History: LIPI (I Nyoman Sumerta, Y15Eg073)

Source of sample: Kacapiring (*Gardenia jasminoides*) leaf

Locality: Malakoni Village, Enggano District

Cultivation: PDA, 25°C

***Pseudozyma aphidis***

InaCC Number: InaCC Y288

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.BS.66)

Source of sample: Leaf of *Piper bettle*, Bali

Locality: Bali

Cultivation: PDA

***Pseudozyma aphidis***

InaCC Number: InaCC Y1531

History: LIPI (I Nyoman Sumerta, Y15Eg011)

Source of sample: *Glachidion euphor* leaf

Locality: Malakoni Village, Enggano District

Cultivation: PDA, 25°C

***Pseudozyma aphidis***

InaCC Number: InaCC Y1003

History: LIPI (A. Kanti, LIPI12-2-Y379) ← NITE (A. Yamazaki, DS-10-2)

Other CC: NBRC 111348

Source of sample: Soil

Locality: Dramaga Protected Forest, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Pseudozyma aphidis***

InaCC Number: InaCC Y958

History: LIPI (A. Kanti, LIPI12-2-Y199-2) ← NITE (A. Yamazaki, Bank.08.Le.F.3)

Other CC: NBRC 111321

Source of sample: Leaves

Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia

Cultivation: YM agar, 25°C

***Pseudozyma hubeiensis***

InaCC Number: InaCC Y407

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.11.CB.033)

Source of sample: Stem of corn

Locality: Cibinong, Bogor, West Java

Cultivation: PDA

***Pseudozyma hubeiensis***

InaCC Number: InaCC Y339

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.BS.28)

Source of sample: Stem of *Piper bettle*, Bali

Locality: Bali

Cultivation: PDA

***Pseudozyma hubeiensis***

InaCC Number: InaCC Y283

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.BS.49)

Source of sample: Stem of *Piper nigrum*, Bali

Locality: Bali

Cultivation: PDA

***Pseudozyma hubeiensis***

InaCC Number: InaCC Y282

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.BS.48)

Source of sample: Leaf of *Piper nigrum*, Bali

Locality: Bali  
Cultivation: PDA

***Pseudozyma hubeiensis***

InaCC Number: InaCC Y277  
History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.25)  
Source of sample: Stem of *Piper bettle*, Bali  
Locality: Bali  
Cultivation: PDA

***Pseudozyma hubeiensis***

InaCC Number: InaCC Y274  
History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.20)  
Source of sample: Leaf of *Piper nigrum*, Bali  
Locality: Bali  
Cultivation: PDA

***Pseudozyma hubeiensis***

InaCC Number: InaCC Y939  
History: LIPI (A. Kanti, LIPI12-2-Y138-1) ← NITE (A. Yamazaki, Cis-S01-2)  
Other CC: NBRC 111307  
Source of sample: Soil  
Locality: Ciseeng, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Pseudozyma hubeiensis***

InaCC Number: InaCC Y342  
History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.36)  
Source of sample: Stem of *Piper bettle*, Bali  
Locality: Bali  
Cultivation: PDA

***Pseudozyma hubeiensis***

InaCC Number: InaCC Y867  
History: LIPI (A. Kanti, LIPI11-2-Y288) ← NITE (A. Yamazaki, ST02Le5-2)  
Other CC: NBRC 111268  
Source of sample: Leaf  
Locality: Mt. Salak, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Pseudozyma hubeiensis***

InaCC Number: InaCC YY1577  
History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR002)  
Source of sample: Litter  
Locality: Mt. Jantan, Karimun Regency, Riau Islands  
Cultivation: PDA, 25°C

***Pseudozyma hubeiensis***

InaCC Number: InaCC Y240  
History: LIPI (Atit Kanti, LIPI MC 0971) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.33)  
Source of sample: Stem of *Piper bettle*, Bali  
Locality: Bali  
Cultivation: PDA

***Pseudozyma hubeiensis***

InaCC Number: InaCC Y1534  
History: LIPI (I Nyoman Sumerta, Y15Eg015)  
Source of sample: *Dillenia excels* leaf  
Locality: Malakoni Village, Enggano District  
Cultivation: PDA, 25°C

***Pseudozyma hubeiensis***

InaCC Number: InaCC Y1536  
History: LIPI (I Nyoman Sumerta, Y15Eg021)  
Source of sample: Mangrove leaf  
Locality: Malakoni Village, Enggano District  
Cultivation: PDA, 25°C

***Pseudozyma hubeiensis***

InaCC Number: InaCC Y1578  
History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR003)  
Source of sample: Litter  
Locality: Mt. Jantan, Karimun Regency, Riau Islands  
Cultivation: PDA, 25°C

***Pseudozyma hubeiensis***

InaCC Number: InaCC Y858  
History: LIPI (A. Kanti, LIPI11-2-Y249) ← NITE (A. Yamazaki, CWLi01MF1)



Other CC: NBRC 111263  
 Source of sample: Litter  
 Locality: Cinchona plantation, Ciwidey, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Pseudozyma parantarctica***

InaCC Number: InaCC Y971  
 History: LIPI (A. Kanti, LIPI12-2-Y244) ← NITE (A. Yamazaki, Cis.S.01.F.4)  
 Other CC: NBRC 111328  
 Source of sample: Soil  
 Locality: Ciseeng, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Pseudozyma parantarctica***

InaCC Number: InaCC Y922  
 History: LIPI (A. Kanti, LIPI12-2-Y066) ← NITE (A. Yamazaki, Bank03-S01-8-2)  
 Other CC: NBRC 111296  
 Source of sample: Soil  
 Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia  
 Cultivation: YM agar, 25°C

***Pseudozyma parantarctica***

InaCC Number: InaCC Y983  
 History: LIPI (A. Kanti, LIPI12-2-Y290) ← NITE (A. Yamazaki, Cis.S.11.F.1)  
 Other CC: NBRC 111335  
 Source of sample: Soil  
 Locality: Ciseeng, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Pseudozyma parantarctica***

InaCC Number: InaCC Y986  
 History: LIPI (A. Kanti, LIPI12-2-Y308) ← NITE (A. Yamazaki, KB.03.Le.F.2)  
 Other CC: NBRC 111338  
 Source of sample: Soil  
 Locality: Berau, Balikpapan, East Kalimantan, Indonesia  
 Cultivation: YM agar, 25°C

***Pseudozyma parantarctica***

InaCC Number: InaCC Y1007  
 History: LIPI (A. Kanti, LIPI12-2-Y394) ← NITE (A. Yamazaki, DS-14-6)  
 Other CC: NBRC 111351  
 Source of sample: Soil  
 Locality: Dramaga Protected Forest, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Pseudozyma rugulosa***

InaCC Number: InaCC Y335  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.11)  
 Source of sample: Leaf of *Piper bettle*, Bali  
 Locality: Bali  
 Cultivation: PDA

***Pseudozyma rugulosa***

InaCC Number: InaCC Y269  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.32)  
 Source of sample: Leaf of *Piper bettle*, Bali  
 Locality: Bali  
 Cultivation: PDA

***Pseudozyma rugulosa***

InaCC Number: InaCC Y267  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.07)  
 Source of sample: Leaf of *Piper nigrum*, Bali  
 Locality: Bali  
 Cultivation: PDA

***Pseudozyma rugulosa***

InaCC Number: InaCC Y351  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.12)  
 Source of sample: Leaf of *Piper bettle*  
 Locality: Mt. Salak  
 Cultivation: PDA

***Pseudozyma rugulosa***InaCC Number: InaCC **Y350**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.11)

Source of sample: Leaf of *Piper bettle*

Locality: Mt. Salak

Cultivation: PDA

***Pseudozyma rugulosa***InaCC Number: InaCC **Y677**

History: LIPI (Atit Kanti, Q.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.88)

Source of sample: Pickles

Locality: Gardu Jati, Bandung

Cultivation: PDA

***Pseudozyma rugulosa***InaCC Number: InaCC **Y290**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.BS.69)

Source of sample: Leaf of *Piper bettle*, Bali

Locality: Bali

Cultivation: PDA

***Pseudozyma siamensis***InaCC Number: InaCC **Y1530**

History: LIPI (I Nyoman Sumerta, Y15Eg010)

Source of sample: *Glachidion euphor* leaf

Locality: Malakoni Village, Enggano District

Cultivation: PDA, 25°C

***Pseudozyma sp.***InaCC Number: InaCC **Y1493**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI12-2-Y141-2) ← NITE (Atsushi Yamazaki, JSAT12-2-Y141-2)

Source of sample: Soil

Locality: Ciseeng, Bogor, West Java

Cultivation: YM agar, 25°C

***Pseudozyma sp.***InaCC Number: InaCC **Y950**

History: LIPI (A. Kanti, LIPI12-2-Y160-1) ← NITE (A. Yamazaki, Cis-S08-1)

Other CC: NBRC 111086

Source of sample: Soil

Locality: Ciseeng, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Pseudozyma sp.***InaCC Number: InaCC **Y855**

History: LIPI (A. Kanti, LIPI11-2-Y220) ← NITE (A. Yamazaki, ST01S2-1)

Other CC: NBRC 111045

Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Pseudozyma sp.***InaCC Number: InaCC **Y981**

History: LIPI (A. Kanti, LIPI12-2-Y288) ← NITE (A. Yamazaki, Cis.S.09.F.7)

Other CC: NBRC 111098

Source of sample: Soil

Locality: Ciseeng, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Pseudozyma hubeiensis***InaCC Number: InaCC **Y270**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.BS.57)

Source of sample: Stem of *Piper bettle*, Bali

Locality: Bali

Cultivation: PDA

***Reidentification***InaCC Number: InaCC **Y379**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.11.CB.003)

Source of sample: Stem of paddy

Locality: Cibinong, Bogor West Java

Cultivation: PDA

***Reidentification***InaCC Number: InaCC **Y381**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.11.CB.005)

Source of sample: Leaf of paddy

Locality: Cibinong, Bogor West Java

Cultivation: PDA

**Reidentification**

InaCC Number: InaCC **Y136**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti, PLE.6.DP3)

Source of sample: Leaf

Locality: Protected Forest Papalia, South Konawe

Cultivation: PDA

**Reidentification**

InaCC Number: InaCC **Y390**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.11.CB.014)

Source of sample: Flower of corn

Locality: Cibinong, Bogor West Java

Cultivation: PDA

**Reidentification**

InaCC Number: InaCC **Y403**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.11.CB.028)

Source of sample: Stem of corn

Locality: Cibinong, Bogor West Java

Cultivation: PDA

**Reidentification**

InaCC Number: InaCC **Y307**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.53)

Source of sample: Stem of *Piper bettle*, Bali

Locality: Bali

Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC **Y1528**

History: LIPI (I Nyoman Sumerta, Y15Eg007)

Source of sample: Limau (*Citrus* sp.) leaf

Locality: Malakoni Village, Enggano District

Cultivation: PDA, 25°C

***Rhodosporidium paludigenum***

InaCC Number: InaCC **Y1527**

History: LIPI (I Nyoman Sumerta, Y15Eg004)

Source of sample: *Azadiracta indica* leaf

Locality: Malakoni Village, Enggano District

Cultivation: PDA, 25°C

***Rhodosporidium paludigenum***

InaCC Number: InaCC **Y235**

History: LIPI (Atit Kanti, LIPIMC 0966) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.17)

Source of sample: Fruit of *Piper nigrum*, Bali

Locality: Bali

Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC **Y947**

History: LIPI (A. Kanti, LIPI12-2-Y157) ← NITE (A. Yamazaki, Cis-S05-1)

Other CC: NBRC 111313

Source of sample: Soil

Locality: Ciseeng, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Rhodosporidium paludigenum***

InaCC Number: InaCC **Y231**

History: LIPI (Atit Kanti, LIPIMC 0962) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.01)

Source of sample: Fruit of *Piper nigrum*, Bali

Locality: Bali

Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC **Y435**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.08.RA.029)

Source of sample: Soil

Locality: Waigeo, Raja Ampat, Papua

Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC **Y441**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.08.RA.024)

Source of sample: Soil

Locality: Waigeo, Raja Ampat, Papua  
Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y1532  
History: LIPI (I Nyoman Sumerta, Y15Eg012)  
Source of sample: *Glachidion euphor* leaf  
Locality: Malakoni Village, Enggano District  
Cultivation: PDA, 25°C

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y331  
History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.05)  
Source of sample: Leaf of *Piper bettle*, Bali  
Locality: Bali  
Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y280  
History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.43)  
Source of sample: Stem of *Piper nigrum*, Bali  
Locality: Bali  
Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y259  
History: LIPI (Atit Kanti, LIPIMC 0990) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.40)  
Source of sample: Leaf of *Piper bettle*, Mt. Salak  
Locality: Mt. Salak  
Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y254  
History: LIPI (Atit Kanti, LIPIMC 0985) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.68)  
Source of sample: Fruit of *Piper nigrum*, Bali  
Locality: Bali  
Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y252  
History: LIPI (Atit Kanti, LIPIMC 0983) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.61)  
Source of sample: Leaf of *Piper bettle*, Bali  
Locality: Bali  
Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y308  
History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.60)  
Source of sample: Leaf of *Piper bettle*, Bali  
Locality: Bali  
Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y249  
History: LIPI (Atit Kanti, LIPIMC 0980) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.54)  
Source of sample: Fruit of *Piper nigrum*, Bali  
Locality: Bali  
Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y247  
History: LIPI (Atit Kanti, LIPIMC 0978) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.51)  
Source of sample: Stem of *Piper nigrum*, Bali  
Locality: Bali  
Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y246  
History: LIPI (Atit Kanti, LIPIMC 0977) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.47)  
Source of sample: Stem of *Piper nigrum*, Bali  
Locality: Bali  
Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y234  
History: LIPI (Atit Kanti, LIPIMC 0965) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.15)

Source of sample: Stem of *Piper nigrum*, Bali

Locality: Bali

Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y242

History: LIPI (Atit Kanti, LIPIMC 0973) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.37)

Source of sample: Leaf of *Piper bettle*, Bali

Locality: Bali

Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y356

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.18)

Source of sample: Leaf of *Piper bettle*

Locality: Mt. Salak

Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y238

History: LIPI (Atit Kanti, LIPIMC 0969) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.29)

Source of sample: Leaf of *Piper bettle*, Bali

Locality: Bali

Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y336

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.18)

Source of sample: Stem of *Piper nigrum*, Bali

Locality: Bali

Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y236

History: LIPI (Atit Kanti, LIPIMC 0967) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.19)

Source of sample: Fruit of *Piper nigrum*, Bali

Locality: Bali

Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y338

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.24)

Source of sample: Leaf of *Piper bettle*, Bali

Locality: Bali

Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y341

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.35)

Source of sample: Stem of *Piper bettle*, Bali

Locality: Bali

Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y343

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.39)

Source of sample: Leaf of *Piper nigrum*, Bali

Locality: Bali

Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y344

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.42)

Source of sample: Fruit of *Piper nigrum*, Bali

Locality: Bali

Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y345

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.44)

Source of sample: Leaf of *Piper nigrum*, Bali

Locality: Bali

Cultivation: PDA

***Rhodosporidium paludigenum***

InaCC Number: InaCC Y245

History: LIPI (Atit Kanti, LIPIMC 0976) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.46)

Source of sample: Stem of *Piper bettle*, Bali

Locality: Bali

Cultivation: PDA

***Rhodosporidium toruloides***

InaCC Number: InaCC **Y990**

History: LIPI (A. Kanti, LIPI12-2-Y329) ← NITE (A. Yamazaki, KS4-1)

Other CC: NBRC 111100

Source of sample: Soil

Locality: Sikidang Crater, Wonosobo, Central Java, Indonesia

Cultivation: YM agar, 25°C

***Rhodosporidium toruloides***

InaCC Number: InaCC **Y994**

History: LIPI (A. Kanti, LIPI12-2-Y346) ← NITE (A. Yamazaki, TW6-3)

Other CC: NBRC 111102

Source of sample: Soil

Locality: Lake Warna, Wonosobo, Central Java, Indonesia

Cultivation: YM agar, 25°C

***Rhodosporidium toruloides***

InaCC Number: InaCC **Y974**

History: LIPI (A. Kanti, LIPI12-2-Y253) ← NITE (A. Yamazaki, Cis.S.03.F.6)

Other CC: NBRC 111095

Source of sample: Soil

Locality: Ciseeng, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Rhodosporidium toruloides***

InaCC Number: InaCC **Y1495**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y153=Cis-S04-7) ← NITE (Atsushi Yamazaki, JSAT12-2-Y153)

Source of sample: Soil

Locality: Ciseeng, Bogor, West Java

Cultivation: YM agar, 25°C

***Rhodosporidium toruloides***

InaCC Number: InaCC **Y1497**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y163=Cis-S10-2) ← NITE (Atsushi Yamazaki, JSAT12-2-Y163)

Source of sample: Soil

Locality: Ciseeng, Bogor, West Java

Cultivation: YM agar, 25°C

***Rhodosporidium toruloides***

InaCC Number: InaCC **Y907**

History: LIPI (A. Kanti, LIPI12-2-Y018) ← NITE (A. Yamazaki, KB03-S01-5)

Other CC: NBRC 111068

Source of sample: Soil

Locality: Berau, Balikpapan, East Kalimantan, Indonesia

Cultivation: YM agar, 25°C

***Rhodosporidium toruloides***

InaCC Number: InaCC **Y982**

History: LIPI (A. Kanti, LIPI12-2-Y289) ← NITE (A. Yamazaki, Cis.S.10.F.1)

Other CC: NBRC 111099

Source of sample: Soil

Locality: Ciseeng, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Rhodosporidium toruloides***

InaCC Number: InaCC **Y945**

History: LIPI (A. Kanti, LIPI12-2-Y148) ← NITE (A. Yamazaki, Cis-S04-2)

Other CC: NBRC 111085

Source of sample: Soil

Locality: Ciseeng, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Rhodosporidium toruloides***

InaCC Number: InaCC **Y943**

History: LIPI (A. Kanti, LIPI12-2-Y143) ← NITE (A. Yamazaki, Cis-S03-2)

Other CC: NBRC 111084

Source of sample: Soil

Locality: Ciseeng, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Rhodosporidium toruloides***

InaCC Number: InaCC Y951  
 History: LIPI (A. Kanti, LIPI12-2-Y162-1) ← NITE (A. Yamazaki, Cis-S10-1)  
 Other CC: NBRC 111087  
 Source of sample: Soil  
 Locality: Ciseeng, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Rhodosporidium toruloides***

InaCC Number: InaCC Y979  
 History: LIPI (A. Kanti, LIPI12-2-Y283) ← NITE (A. Yamazaki, Cis.S.09.F.2)  
 Other CC: NBRC 111097  
 Source of sample: Soil  
 Locality: Ciseeng, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Rhodotorula araucariae***

InaCC Number: InaCC Y117  
 History: LIPI (Atit Kanti, LIPIMC 0222) ← LIPI (Atit Kanti, 69-61)  
 Source of sample: A rotting *Araucaria araucana* tree in Chile  
 Locality: Chile "Isolated by Grinsberg from a rotting *Araucaria araucana* tree in Chile, his # 1922"  
 Cultivation: PDA

***Rhodotorula bogoriensis***

InaCC Number: InaCC Y881  
 History: LIPI (A. Kanti, LIPI11-2-Y338) ← NITE (A. Yamazaki, ST04S4-2)  
 Other CC: NBRC 111055  
 Source of sample: Soil  
 Locality: Mt. Salak, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Rhodotorula bogoriensis***

InaCC Number: InaCC Y439  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.08.RA.006)  
 Source of sample: Soil  
 Locality: Waigeo, Raja Ampat, Papua  
 Cultivation: PDA

***Rhodotorula bogoriensis***

InaCC Number: InaCC Y859  
 History: LIPI (A. Kanti, LIPI11-2-Y258) ← NITE (A. Yamazaki, ST02S2-3)  
 Other CC: NBRC 111047  
 Source of sample: Soil  
 Locality: Mt. Salak, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Rhodotorula diffluens***

InaCC Number: InaCC Y1001  
 History: LIPI (A. Kanti, LIPI12-2-Y375) ← NITE (A. Yamazaki, DS-09-1)  
 Other CC: NBRC 111347  
 Source of sample: Soil  
 Locality: Dramaga Protected Forest, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Rhodotorula foliorum***

InaCC Number: InaCC Y894  
 History: LIPI (A. Kanti, LIPI11-2-Y380) ← NITE (A. Yamazaki, ST05Li4-2)  
 Other CC: NBRC 111283  
 Source of sample: Litter  
 Locality: Mt. Salak, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Rhodotorula foliorum***

InaCC Number: InaCC Y864  
 History: LIPI (A. Kanti, LIPI11-2-Y277) ← NITE (A. Yamazaki, ST02Le1-3)  
 Other CC: NBRC 111266  
 Source of sample: Leaf  
 Locality: Mt. Salak, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Rhodotorula glutinis***

InaCC Number: InaCC Y110  
 History: LIPI (Atit Kanti, LIPIMC 0215) ← LIPI (Atit Kanti, 68-262)  
 Source of sample: Boric acid solution  
 Locality: "In Indonesia by C.O. Schaeffer, 1949"  
 Cultivation: PDA

***Rhodotorula glutinis***

InaCC Number: InaCC **Y996**  
 History: LIPI (A. Kanti, LIPI12-2-Y349) ← NITE (A. Yamazaki, TP2-1)  
 Other CC: NBRC 111103  
 Source of sample: Soil  
 Locality: Lake Pengilon, Wonosobo, Central Java, Indonesia  
 Cultivation: YM agar, 25°C

***Rhodotorula graminis***

InaCC Number: InaCC **Y112**  
 History: LIPI (Atit Kanti, LIPIMC 0217) ← LIPI (Atit Kanti, 68-277)  
 Source of sample: Citrus leaves  
 Locality: "Bogor, Indonesia, by M.H. Deinema, 1961"  
 Cultivation: PDA

***Rhodotorula javanica***

InaCC Number: InaCC **Y865**  
 History: LIPI (A. Kanti, LIPI11-2-Y280) ← NITE (A. Yamazaki, ST02Li2-3)  
 Other CC: NBRC 111267  
 Source of sample: Litter  
 Locality: Mt. Salak, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Rhodotorula minuta***

InaCC Number: InaCC **Y1626**  
 History: InaCC ← Suryo Wiyono  
 Source of sample: Plant (chili leaf)  
 Locality: Dramaga, Bogor, West Java  
 Cultivation: PDA

***Rhodotorula mucilaginosa***

InaCC Number: InaCC **Y423**  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.TP.019)  
 Source of sample: Leaf  
 Locality: Tanjung Peropa, South East Sulawesi  
 Cultivation: PDA

***Rhodotorula mucilaginosa***

InaCC Number: InaCC **Y973**  
 History: LIPI (A. Kanti, LIPI12-2-Y250) ← NITE (A. Yamazaki, Cis.S.03.F.3)  
 Other CC: NBRC 111330  
 Source of sample: Soil  
 Locality: Ciseeng, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Rhodotorula mucilaginosa***

InaCC Number: InaCC **Y989**  
 History: LIPI (A. Kanti, LIPI12-2-Y328) ← NITE (A. Yamazaki, SL02-1)  
 Other CC: NBRC 111341  
 Source of sample: Soil around mangrove  
 Locality: Eastern Kupang, NTT; Surabaya, East Java, Indonesia  
 Cultivation: YM agar, 25°C

***Rhodotorula mucilaginosa***

InaCC Number: InaCC **Y659**  
 History: LIPI (Atit Kanti, N.3) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.69)  
 Source of sample: Glutinous rice  
 Locality: Kuningan  
 Cultivation: PDA

***Rhodotorula mucilaginosa***

InaCC Number: InaCC **Y793**  
 History: LIPI (A. Kanti, LIPI13-2-Y276) ← NITE (R. Kobayashi, XYA26-3)  
 Other CC: NBRC 110331  
 Source of sample: Woodchip  
 Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia  
 Cultivation: PDA

***Rhodotorula mucilaginosa***

InaCC Number: InaCC **Y956**  
 History: LIPI (A. Kanti, LIPI12-2-Y189-2) ← NITE (A. Yamazaki, Bank.05.Le.F.2)  
 Other CC: NBRC 111320  
 Source of sample: Leaves



Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia  
Cultivation: YM agar, 25°C

***Rhodotorula mucilaginosa***

InaCC Number: InaCC **Y660**  
History: LIPI (Atit Kanti, N.4) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.70)  
Source of sample: Glutinous rice  
Locality: Kuningan  
Cultivation: PDA

***Rhodotorula nothofagi***

InaCC Number: InaCC **Y1289**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y217) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y217)  
Source of sample: Litter  
Locality: Cibodas Botanic Garden, Cipanas, West Java  
Cultivation: PDA

***Rhodotorula philyla***

InaCC Number: InaCC **Y1008**  
History: LIPI (A. Kanti, LIPI12-2-Y396) ← NITE (A. Yamazaki, DS-16-5)  
Other CC: NBRC 111352  
Source of sample: Soil  
Locality: Dramaga Protected Forest, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Rhodotorula* sp.**

InaCC Number: InaCC **Y279**  
History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.41)  
Source of sample: Stem of *Piper bettle*, Bali  
Locality: Bali  
Cultivation: PDA

***Rhodotorula* sp.**

InaCC Number: InaCC **Y1409**  
History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y186=ST02LE1-1) ← LIPI (Atit Kanti, JSAT11-2-Y186)

Source of sample: Soil under *Bellucia axinanthera*  
Locality: Mt. Salak, Bogor, West Java  
Cultivation: YM agar, 25°C

***Rhodotorula* sp.**

InaCC Number: InaCC **Y716**  
History: LIPI (Atit Kanti, LIPI11-2-Y219) ← NITE (Atsushi Yamazaki)  
Other CC: NBRC 110257  
Source of sample: Soil  
Locality: Mt. Salak, Bogor  
Cultivation: YM agar

***Rhodotorula* sp.**

InaCC Number: InaCC **Y1602**  
History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR055)  
Source of sample: Litter  
Locality: Mt. Betina, Karimun Regency, Riau Islands  
Cultivation: PDA, 25°C

***Rhodotorula* sp.**

InaCC Number: InaCC **Y1503**  
History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y252=Cis.S.03.F.5) ← LIPI (Atit Kanti, JSAT12-2-Y252)  
Source of sample: Soil  
Locality: Ciseeng, Bogor, West Java  
Cultivation: YM agar, 25°C

***Rhodotorula* sp.**

InaCC Number: InaCC **Y1513**  
History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y356=TP2-8) ← NITE (Atsushi Yamazaki, JSAT12-2-Y356)  
Source of sample: Soil  
Locality: Lake Pengilon, Wonosobo, Central Java  
Cultivation: YM agar, 25°C

***Rhodotorula* sp.**

InaCC Number: InaCC **Y1512**  
History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y353=TP2-5) ← NITE (Atsushi Yamazaki, JSAT12-2-Y353)

Source of sample: Soil  
 Locality: Lake Pengilon, Wonosobo, Central Java  
 Cultivation: YM agar, 25°C

***Rhodotorula* sp.**

InaCC Number: InaCC **Y1410**  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y188-1) ← LIPI (Atit Kanti, JSAT11-2-Y188-1)  
 Source of sample: Soil under *Bellucia axinantha*  
 Locality: Mt. Salak, Bogor, West Java  
 Cultivation: YM agar, 25°C

***Rhodotorula* sp.**

InaCC Number: InaCC **Y824**  
 History: LIPI (A. Kanti, LIPI11-2-Y032) ← NITE (A. Yamazaki, CS14. N-2)  
 Other CC: NBRC 111024  
 Source of sample: Soil  
 Locality: Cibodas Botanical Garden, Cipanas, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Rhodotorula* sp.**

InaCC Number: InaCC **Y1509**  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y342=TW1-7) ← NITE (Atsushi Yamazaki, JSAT12-2-Y342)  
 Source of sample: Soil near the lake  
 Locality: Lake Warna, Wonosobo, Central Java  
 Cultivation: YM agar, 25°C

***Rhodotorula* sp.**

InaCC Number: InaCC **Y1508**  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y341=TW1-6) ← NITE (Atsushi Yamazaki, JSAT12-2-Y341)  
 Source of sample: Soil near the lake  
 Locality: Lake Warna, Wonosobo, Central Java  
 Cultivation: YM agar, 25°C

***Rhodotorula* sp.**

InaCC Number: InaCC **Y825**  
 History: LIPI (A. Kanti, LIPI11-2-Y046) ← NITE (A. Yamazaki, 1 Bark N-1)

Other CC: NBRC 111025  
 Source of sample: Bark  
 Locality: Cibodas Botanical Garden, Cipanas, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Rhodotorula* sp.**

InaCC Number: InaCC **Y1516**  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y367=DS-03-6) ← NITE (Atsushi Yamazaki, JSAT12-2-Y367)  
 Source of sample: Soil under palm tree  
 Locality: Dramaga Protected Forest, Bogor, West Java  
 Cultivation: YM agar, 25°C

***Rhodotorula* sp.**

InaCC Number: InaCC **Y1464**  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y373=ST05Li2-2) ← NITE (Atsushi Yamazaki, JSAT11-2-Y373)  
 Source of sample: Litter  
 Locality: Mt. Salak, Bogor, West Java  
 Cultivation: YM agar, 25°C

***Rhodotorula* sp.**

InaCC Number: InaCC **Y69**  
 History: LIPI (Atit Kanti, LIPIMC 0090) ← LIPI (Atit Kanti, Bo/1.1)  
 Source of sample: Tapai yeast  
 Locality: Bogor  
 Cultivation: PDA

***Rhodotorula* sp.**

InaCC Number: InaCC **Y1510**  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y344=TW6-1) ← NITE (Atsushi Yamazaki, JSAT12-2-Y344)  
 Source of sample: Dried soil  
 Locality: Lake Warna, Wonosobo, Central Java  
 Cultivation: YM agar, 25°C

***Rhodotorula* sp.**InaCC Number: InaCC **Y1048**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y314) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y314)

Other CC: NBRC 111575

Source of sample: Soil

Locality: LIPI Ecology Park, Cibinong, West Java

Cultivation: PDA

***Rhodotorula* sp.**InaCC Number: InaCC **Y893**

History: LIPI (A. Kanti, LIPI11-2-Y374) ← NITE (A. Yamazaki, ST05Li2-3)

Other CC: NBRC 111062

Source of sample: Litter

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Rhodotorula* sp.**InaCC Number: InaCC **Y805**

History: LIPI (A. Kanti, LIPI13-2-Y301) ← NITE (R. Kobayashi, XYG26-2)

Other CC: NBRC 110343

Source of sample: Woodchip

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia

Cultivation: PDA

***Rhodotorula* sp.**InaCC Number: InaCC **Y1049**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y315) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y315)

Other CC: NBRC 111576

Source of sample: Soil

Locality: LIPI Ecology Park, Cibinong, West Java

Cultivation: PDA

***Rhodotorula* sp.**InaCC Number: InaCC **Y1047**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y312) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y312)

Other CC: NBRC 111574

Source of sample: Litter

Locality: LIPI Ecology Park, Cibinong, West Java

Cultivation: PDA

***Rhodotorula* sp.**InaCC Number: InaCC **Y827**

History: LIPI (A. Kanti, LIPI11-2-Y048) ← NITE (A. Yamazaki, 2 Bark N-1)

Other CC: NBRC 111027

Source of sample: Bark

Locality: Cibodas Botanical Garden, Cipanas, West Java, Indonesia

Cultivation: YM agar, 25°C

***Rhodotorula* sp.**InaCC Number: InaCC **Y828**

History: LIPI (A. Kanti, LIPI11-2-Y049) ← NITE (A. Yamazaki, 2 Bark N-2)

Other CC: NBRC 111028

Source of sample: Bark

Locality: Cibodas Botanical Garden, Cipanas, West Java, Indonesia

Cultivation: YM agar, 25°C

***Rhodotorula* sp.**InaCC Number: InaCC **Y1439**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y282=ST02Li2-5) ← NITE (Atsushi Yamazaki, JSAT11-2-Y282)

Source of sample: Litter

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Rhodotorula* sp.**InaCC Number: InaCC **Y1433**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y257=ST02S2-2) ← NITE (Atsushi Yamazaki, JSAT11-2-Y257)

Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Rhodotorula* sp.**

InaCC Number: InaCC **Y1401**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y150=CWLI01F) ← LIPI (Atit Kanti, JSAT11-2-Y150)

Source of sample: Soil under quina (*Chinchona succiruba*)

Locality: Cinchona plantation, Ciwidey, West Java

Cultivation: YM agar, 25°C

***Rhodotorula* sp.**

InaCC Number: InaCC **Y992**

History: LIPI (A. Kanti, LIPI12-2-Y337) ← NITE (A. Yamazaki, TW1-2)

Other CC: NBRC 111101

Source of sample: Soil

Locality: Lake Warna, Wonosobo, Central Java, Indonesia

Cultivation: YM agar, 25°C

***Rhodotorula* sp.**

InaCC Number: InaCC **Y826**

History: LIPI (A. Kanti, LIPI11-2-Y047) ← NITE (A. Yamazaki, 1 Bark N-3)

Other CC: NBRC 111026

Source of sample: Bark

Locality: Cibodas Botanical Garden, Cipanas, West Java, Indonesia

Cultivation: YM agar, 25°C

***Rhodotorula* sp.**

InaCC Number: InaCC **Y1521**

History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y387=DS-12-1) ← NITE (Atsushi Yamazaki, JSAT12-2-Y387)

Source of sample: Soil

Locality: Dramaga Protected Forest, Bogor, West Java

Cultivation: YM agar, 25°C

***Rhodotorula* sp.**

InaCC Number: InaCC **Y819**

History: LIPI (A. Kanti, LIPI11-2-Y019) ← NITE (A. Yamazaki, CS06. N-6)

Other CC: NBRC 111021

Source of sample: Soil around *Chinchona pubescens* tree

Locality: Cibodas Botanical Garden, Cipanas, West Java, Indonesia

Cultivation: YM agar, 25°C

***Rhodotorula vanillica***

InaCC Number: InaCC **Y997**

History: LIPI (A. Kanti, LIPI12-2-Y350) ← NITE (A. Yamazaki, TP2-2)

Other CC: NBRC 111345

Source of sample: Soil

Locality: Lake Pengilon, Wonosobo, Central Java, Indonesia

Cultivation: YM agar, 25°C

***Saccharomyces cerevisiae***

InaCC Number: InaCC **Y649**

History: LIPI (Atit Kanti, L.10%.2) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.57)

Source of sample: Cassava tapai

Locality: Sumedang

Cultivation: PDA

***Saccharomyces cerevisiae***

InaCC Number: InaCC **Y648**

History: LIPI (Atit Kanti, L.10%.1) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.56)

Source of sample: Cassava tapai

Locality: Sumedang

Cultivation: PDA

***Saccharomyces cerevisiae***

InaCC Number: InaCC **Y733**

History: LIPI (A. Kanti, LIPI13-2-Y002) ← NITE (R. Kobayashi, YMA5-1)

Other CC: NBRC 110274

Source of sample: Decayed wood

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y634**

History: LIPI (Atit Kanti, I.6) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.36)

Source of sample: Yeast

Locality: Cirebon Market, Cirebon

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y646**

History: LIPI (Atit Kanti, L.2) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.51)

Source of sample: Cassava tapai

Locality: Sumedang

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y645**

History: LIPI (Atit Kanti, L.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.50)

Source of sample: Cassava tapai

Locality: Sumedang

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y58**

History: LIPI (Atit Kanti, LIPIMC 0071) ← LIPI (Susono Saono, G13II/1E)

Source of sample: Oil saturated soil

Locality: Ledok, Cepu

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y1242**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y146) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y146)

Source of sample: Fermented red glutinous rice (tapai)

Locality: Ubud Market, Ubud, Bali

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y633**

History: LIPI (Atit Kanti, I.5) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.35)

Source of sample: Yeast

Locality: Cirebon Market, Cirebon

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y631**

History: LIPI (Atit Kanti, I.3) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.33)

Source of sample: Yeast

Locality: Cirebon Market, Cirebon

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y1078**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y055) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y055)

Source of sample: Fermented cassava (tapai)

Locality: Bawah, Bukittingi, West Sumatra

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y1139**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y165) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y165)

Source of sample: Fermented black glutinous rice (lamang-tapai)

Locality: Bawah, Bukittingi, West Sumatra

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y1122**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y140) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y140)

Source of sample: Yeast (starter)

Locality: Bawah, Bukittingi, West Sumatra

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y682**

History: LIPI (Atit Kanti, R.30%G.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.94)

Source of sample: Tauco

Locality: Gardu Jati, Bandung

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y1155**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y198) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y198)

Source of sample: Fermented cassava (tapai)

Locality: Ir. Haji Juanda, Padang, West Sumatra

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y683**

History: LIPI (Atit Kanti, RB.10%.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.95)

Source of sample: Yeast

Locality: Bali

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y1084**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y063) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y063)

Source of sample: Fermented cassava (tapai)

Locality: Bawah, Bukittingi, West Sumatra

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y654**

History: LIPI (Atit Kanti, L.15%G.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.62)

Source of sample: Cassava tapai

Locality: Sumedang

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y1584**

History: LIPI (I Nyoman Sumerta &amp; Atit Kanti, Y15KR020)

Source of sample: Decay woods

Locality: Mt. Jantan, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y651**

History: LIPI (Atit Kanti, L.15%.2) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.59)

Source of sample: Casava tapai

Locality: Sumedang

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y743**

History: LIPI (A. Kanti, LIPI13-2-Y106) ← NITE (R. Kobayashi, YMG5-1)

Other CC: NBRC 110284

Source of sample: Decayed wood

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y671**

History: LIPI (Atit Kanti, O.30%G.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.81)

Source of sample: Tongcai

Locality: Gardu Jati, Bandung

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y655**

History: LIPI (Atit Kanti, L.30%G.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.63)

Source of sample: Cassava tapai

Locality: Sumedang

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y653**

History: LIPI (Atit Kanti, L.20%.2) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.61)

Source of sample: Cassava tapai

Locality: Sumedang

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y652**

History: LIPI (Atit Kanti, L.20%.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.60)

Source of sample: Cassava tapai

Locality: Sumedang

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y1136**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y162) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y162)

Source of sample: Honey

Locality: Bawah, Bukittinggi, West Sumatra

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y778**

History: LIPI (A. Kanti, LIPI13-2-Y249-1) ← NITE (R. Kobayashi, DXG28-2-1)

Other CC: NBRC 110316

Source of sample: Decayed leaf of pine

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y1076**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y052) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y052)

Source of sample: Fermented cassava (tapai)

Locality: Bawah, Bukittinggi, West Sumatra

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y612**

History: LIPI (Atit Kanti, D.10%.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.11)

Source of sample: Yeast

Locality: Pasar Cirebon, Cirebon

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y630**

History: LIPI (Atit Kanti, I.2) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.32)

Source of sample: Yeast

Locality: Pasar Cirebon, Cirebon

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y620**

History: LIPI (Atit Kanti, E.15%.3) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.19)

Source of sample: Tauco

Locality: Pasar Cirebon, Cirebon

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y613**

History: LIPI (Atit Kanti, D.10%.2) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.12)

Source of sample: Yeast

Locality: Pasar Cirebon, Cirebon

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y614**

History: LIPI (Atit Kanti, D.20%.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.13)

Source of sample: Yeast

Locality: Pasar Cirebon, Cirebon

Cultivation: PDA

***Saccharomyces cerevisiae***InaCC Number: InaCC **Y1061**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y029) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y029)

Source of sample: Fermented cassava (tapai)  
 Locality: Rakyat Market, Solok, West Sumatra  
 Cultivation: PDA

***Saccharomyces cerevisiae***

InaCC Number: InaCC **Y624**  
 History: LIPI (Atit Kanti, G.15%G.1) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.24)  
 Source of sample: Angciau  
 Locality: Gardu Jati, Bandung  
 Cultivation: PDA

***Saccharomyces cerevisiae***

InaCC Number: InaCC **Y625**  
 History: LIPI (Atit Kanti, G.15%G.2) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.25)  
 Source of sample: Angciau  
 Locality: Gardu Jati, Bandung  
 Cultivation: PDA

***Saccharomyces cerevisiae***

InaCC Number: InaCC **Y1125**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y146) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y146)  
 Source of sample: Fermented soybean (tauco)  
 Locality: Bawah, Bukittingi, West Sumatra  
 Cultivation: PDA

***Saccharomyces cerevisiae***

InaCC Number: InaCC **Y1104**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y102) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y102)  
 Source of sample: Fermented cassava (tapai)  
 Locality: Ir. Haji Juanda, Padang, West Sumatra  
 Cultivation: PDA

***Saccharomyces cerevisiae***

InaCC Number: InaCC **Y1613**  
 History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR093)  
 Source of sample: Cassava tapai

Locality: Maimun Market, Karimun Regency, Riau Islands  
 Cultivation: PDA, 25°C

***Saccharomyces cerevisiae***

InaCC Number: InaCC **Y1062**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y031) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y031)  
 Source of sample: Water from fermented white glutinous rice (tapai)  
 Locality: Rakyat Market, Solok, West Sumatra  
 Cultivation: PDA

***Saccharomyces cerevisiae***

InaCC Number: InaCC **Y626**  
 History: LIPI (Atit Kanti, G.30%G.1) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.26)  
 Source of sample: Angciau  
 Locality: Gardu Jati, Bandung  
 Cultivation: PDA

***Saccharomyces cerevisiae***

InaCC Number: InaCC **Y1111**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y123) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y123)  
 Source of sample: Fermented cassava (tapai)  
 Locality: Rakyat Market, Solok, West Sumatra  
 Cultivation: PDA

***Saccharomyces cerevisiae***

InaCC Number: InaCC **Y1624**  
 History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR107)  
 Source of sample: Cassava tapai  
 Locality: Maimun Market, Karimun Regency, Riau Islands  
 Cultivation: PDA, 25°C

***Saccharomyces cerevisiae***

InaCC Number: InaCC **Y1129**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y151) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y151)



Source of sample: Fermented cassava (tapai)  
 Locality: Bawah, Bukittingi, West Sumatra  
 Cultivation: PDA

***Saccharomyces cerevisiae***

InaCC Number: InaCC **Y629**  
 History: LIPI (Atit Kanti, I.1) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.31)  
 Source of sample: Yeast  
 Locality: Cirebon Market, Cirebon  
 Cultivation: PDA

***Saccharomyces cerevisiae***

InaCC Number: InaCC **Y1130**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y153) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y153)  
 Source of sample: Water from fermented rice (tapai)  
 Locality: Bawah, Bukittingi, West Sumatra  
 Cultivation: PDA

***Saccharomyces exiguus***

InaCC Number: InaCC **Y1094**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y078) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y078)  
 Source of sample: Dadih  
 Locality: Bawah, Bukittingi, West Sumatra  
 Cultivation: PDA

***Saccharomyces exiguus***

InaCC Number: InaCC **Y1143**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y171) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y171)  
 Source of sample: Dadih  
 Locality: Bawah, Bukittingi, West Sumatra  
 Cultivation: PDA

***Saccharomyces exiguus***

InaCC Number: InaCC **Y1154**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y195) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y195)

Source of sample: Dadih  
 Locality: Ir. Haji Juanda, Padang, West Sumatra  
 Cultivation: PDA

***Saccharomyces exiguus***

InaCC Number: InaCC **Y1103**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y099) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y099)  
 Source of sample: Dadih  
 Locality: Ir. Haji Juanda, Padang, West Sumatra  
 Cultivation: PDA

***Saccharomyces kluyveri***

InaCC Number: InaCC **Y97**  
 History: LIPI (Atit Kanti, LIPIMC 0198) ← LIPI (Atit Kanti, 51-242)  
 Source of sample: *Drosophila pinicola*  
 Locality: "Mather, Yosemite area of California, 09/51"  
 Cultivation: PDA

***Saccharomyces sp.***

InaCC Number: InaCC **Y1376**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y356) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y356)  
 Source of sample: Soil  
 Locality: West Bogor, Bogor, West Java  
 Cultivation: PDA

***Saccharomyces sp.***

InaCC Number: InaCC **Y1315**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y258) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y258)  
 Source of sample: Litter  
 Locality: Cibodas Botanic Garden, Cipanas, West Java  
 Cultivation: PDA

***Saccharomyces sp.***

InaCC Number: InaCC **Y1380**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y364) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y364)

Source of sample: Soil  
 Locality: West Bogor, Bogor, West Java  
 Cultivation: PDA

***Saccharomyces* sp.**

InaCC Number: InaCC **Y1374**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y351) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y351)  
 Source of sample: Litter  
 Locality: West Bogor, Bogor, West Java  
 Cultivation: PDA

***Saccharomyces* sp.**

InaCC Number: InaCC **Y1372**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y349-1)  
 Source of sample: Litter  
 Locality: West Bogor, Bogor, West Java  
 Cultivation: PDA

***Saccharomyces* sp.**

InaCC Number: InaCC **Y1377**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y357) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y357)  
 Source of sample: Decayed wood  
 Locality: West Bogor, Bogor, West Java  
 Cultivation: PDA

***Saccharomyces* sp.**

InaCC Number: InaCC **Y1369**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y343) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y343)  
 Source of sample: Decayed wood  
 Locality: West Bogor, Bogor, West Java  
 Cultivation: PDA

***Saccharomycopsis fibuligera***

InaCC Number: InaCC **Y669**  
 History: LIPI (Atit Kanti, O.15%G.1) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.79)

Source of sample: Tongcai  
 Locality: Gardu Jati, Bandung  
 Cultivation: PDA

***Saccharomycopsis fibuligera***

InaCC Number: InaCC **Y663**  
 History: LIPI (Atit Kanti, N.20%.1) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.73)  
 Source of sample: Glutinous rice  
 Locality: Kuningan  
 Cultivation: PDA

***Saccharomycopsis fibuligera***

InaCC Number: InaCC **Y1620**  
 History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR102)  
 Source of sample: Yeast  
 Locality: Maimun Market, Karimun Regency, Riau Islands  
 Cultivation: PDA, 25°C

***Saccharomycopsis fibuligera***

InaCC Number: InaCC **Y741**  
 History: LIPI (A. Kanti, LIPI13-2-Y082) ← NITE (R. Kobayashi, YMA47-3)  
 Other CC: NBRC 110282  
 Source of sample: Decayed wood  
 Locality: Anai Valley, Padang Panjang, West Sumatra, Indonesia  
 Cultivation: PDA

***Saccharomycopsis fibuligera***

InaCC Number: InaCC **Y1615**  
 History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR095)  
 Source of sample: Glutinous rice  
 Locality: Maimun Market, Karimun Regency, Riau Islands  
 Cultivation: PDA, 25°C

***Saccharomycopsis fibuligera***

InaCC Number: InaCC **Y647**  
 History: LIPI (Atit Kanti, L.5) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.54)

Source of sample: Cassava tapai

Locality: Sumedang

Cultivation: PDA

***Saccharomycopsis fibuligera***

InaCC Number: InaCC **Y623**

History: LIPI (Atit Kanti, G.1) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.22)

Source of sample: Angciau

Locality: Gardu Jati, Bandung

Cultivation: PDA

***Saccharomycopsis fibuligera***

InaCC Number: InaCC **Y1619**

History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR099)

Source of sample: Yeast

Locality: Maimun Market, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Saccharomycopsis fibuligera***

InaCC Number: InaCC **Y632**

History: LIPI (Atit Kanti, I.4) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.34)

Source of sample: Yeast

Locality: Cirebon Market, Cirebon

Cultivation: PDA

***Saccharomycopsis fibuligera***

InaCC Number: InaCC **Y748**

History: LIPI (A. Kanti, LIPI13-2-Y175) ← NITE (R. Kobayashi, YMG47-1)

Other CC: NBRC 110289

Source of sample: Decayed wood

Locality: Anai Valley, Padang Panjang, West Sumatra, Indonesia

Cultivation: PDA

***Saccharomycopsis fibuligera***

InaCC Number: InaCC **Y635**

History: LIPI (Atit Kanti, I.7) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.37)

Source of sample: Yeast

Locality: Cirebon Market, Cirebon

Cultivation: PDA

***Saccharomycopsis fibuligera***

InaCC Number: InaCC **Y636**

History: LIPI (Atit Kanti, J.4) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.41)

Source of sample: Yeast peuyeum

Locality: Kuningan

Cultivation: PDA

***Saccharomycopsis fibuligera***

InaCC Number: InaCC **Y611**

History: LIPI (Atit Kanti, D.4) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.10)

Source of sample: Yeast

Locality: Pasar Cirebon, Cirebon

Cultivation: PDA

***Saccharomycopsis fibuligera***

InaCC Number: InaCC **Y637**

History: LIPI (Atit Kanti, J.20%.1) ← LIPI (Atit Kanti, Yeni Yuliani & Anis Mutirani, Y.12.MF.42)

Source of sample: Yeast peuyeum

Locality: Kuningan

Cultivation: PDA

***Saccharomycopsis fibuligera***

InaCC Number: InaCC **Y599**

History: InaCC ← LIPI (R. Melliawati) ← CBS (R. Melliawati), TJ-2

Source of sample: Cassava tapai

Locality: Indonesia

Cultivation: PDA

***Saccharomycopsis fibuligera***

InaCC Number: InaCC **Y596**

History: InaCC ← LIPI (R. Melliawati) ← CBS (R. Melliawati), TB-1

Source of sample: Cassava tapai

Locality: Indonesia

Cultivation: PDA

***Saccharomycopsis fibuligera***

InaCC Number: InaCC **Y595**  
 History: InaCC ← LIPI (R. Melliawati) ← CBS (R. Melliawati), TJ-1  
 Source of sample: Cassava tapai  
 Locality: Indonesia  
 Cultivation: PDA

***Saccharomycopsis javanensis***

InaCC Number: InaCC **Y103**  
 History: LIPI (Atit Kanti, LIPIMC 0206) ← LIPI (Atit Kanti, 55-49)  
 Source of sample: Soil  
 Locality: Received from CBS 1/55 "Java, Indonesia"  
 Cultivation: PDA

***Saccharomycopsis schoenii***

InaCC Number: InaCC **Y309**  
 History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.63)  
 Source of sample: Soil  
 Locality: Bali  
 Cultivation: PDA

***Saturnispora gosingsensis***

InaCC Number: InaCC **Y1332**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y284) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y284)  
 Source of sample: Decayed wood  
 Locality: Cibodas Botanic Garden, Cipanas, West Java  
 Cultivation: PDA

***Saturnispora gosingsensis***

InaCC Number: InaCC **Y1303**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y240) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y240)  
 Source of sample: Soil  
 Locality: Cibodas Botanic Garden, Cipanas, West Java  
 Cultivation: PDA

***Saturnispora gosingsensis***

InaCC Number: InaCC **Y1038**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y229) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y229)  
 Other CC: NBRC 111565  
 Source of sample: Decayed wood  
 Locality: Cibodas Botanic Garden, Cipanas, West Java  
 Cultivation: PDA

***Saturnispora gosingsensis***

InaCC Number: InaCC **Y1304**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y241) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y241)  
 Source of sample: Litter  
 Locality: Cibodas Botanic Garden, Cipanas, West Java  
 Cultivation: PDA

***Saturnispora quitensis***

InaCC Number: InaCC **Y1557**  
 History: LIPI (I Nyoman Sumerta, Y15Eg135)  
 Source of sample: Soil around banyan tree  
 Locality: Banjar Sari Village, Enggano District  
 Cultivation: PDA, 25°C

***Saturnispora silvae***

InaCC Number: InaCC **Y1553**  
 History: LIPI (I Nyoman Sumerta, Y15Eg094)  
 Source of sample: Soil around *Musa* sp. plant  
 Locality: Banjar Sari Village, Enggano District  
 Cultivation: PDA, 25°C

***Saturnispora silvae***

InaCC Number: InaCC **Y1556**  
 History: LIPI (I Nyoman Sumerta, Y15Eg126)  
 Source of sample: Cocoa plant  
 Locality: Meok Village, Enggano District  
 Cultivation: PDA, 25°C

***Scheffersomyces stipitis***InaCC Number: InaCC **Y1317**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y261) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y261)

Source of sample: Decayed wood

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Scheffersomyces stipitis***InaCC Number: InaCC **Y1294**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y230) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y230)

Source of sample: Decayed wood

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Scheffersomyces stipitis***InaCC Number: InaCC **Y1305**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y243) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y243)

Source of sample: Litter

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Scheffersomyces stipitis***InaCC Number: InaCC **Y1309**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y247) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y247)

Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Scheffersomyces stipitis***InaCC Number: InaCC **Y1299**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y236) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y236)

Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Scheffersomyces stipitis***InaCC Number: InaCC **Y1308**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y246) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y246)

Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Scheffersomyces stipitis***InaCC Number: InaCC **Y1295**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y231) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y231)

Source of sample: Decayed wood

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Scheffersomyces stipitis***InaCC Number: InaCC **Y1300**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y237) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y237)

Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Scheffersomyces stipitis***InaCC Number: InaCC **Y1307**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y245) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y245)

Source of sample: Litter

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Schwanniomyces polymorphus***

InaCC Number: InaCC Y844  
 History: LIPI (A. Kanti, LIPI11-2-Y174) ← NITE (A. Yamazaki, BBLE03-2)  
 Other CC: NBRC 111256  
 Source of sample: Leaf  
 Locality: Bogor Botanical Garden, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Schwanniomyces polymorphus***

InaCC Number: InaCC Y1594  
 History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR032)  
 Source of sample: Decay woods  
 Locality: Mt. Jantan, Karimun Regency, Riau Islands  
 Cultivation: PDA, 25°C

***Schwanniomyces polymorphus***

InaCC Number: InaCC Y1583  
 History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR014)  
 Source of sample: Litter  
 Locality: Mt. Jantan, Karimun Regency, Riau Islands  
 Cultivation: PDA, 25°C

***Schwanniomyces polymorphus***

InaCC Number: InaCC Y1581  
 History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR006)  
 Source of sample: Litter  
 Locality: Mt. Jantan, Karimun Regency, Riau Islands  
 Cultivation: PDA, 25°C

***Schwanniomyces polymorphus***

InaCC Number: InaCC Y1595  
 History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR033)  
 Source of sample: Decay woods  
 Locality: Mt. Jantan, Karimun Regency, Riau Islands  
 Cultivation: PDA, 25°C

***Schwanniomyces sp.***

InaCC Number: InaCC Y1405  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y160=CWLI02DP02) ← LIPI (Atit Kanti, JSAT11-2-Y160)  
 Source of sample: Soil under *Cinnamon campora*  
 Locality: Cibodas Botanical Garden, Cipanas, West Java  
 Cultivation: YM agar, 25°C

***Schwanniomyces sp.***

InaCC Number: InaCC Y1408  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y173=BBLE03-1) ← LIPI (Atit Kanti, JSAT11-2-Y173)  
 Source of sample: Soil under *Horsfieldia iryaghedhi*  
 Locality: Bogor Botanical Garden, Bogor, West Java  
 Cultivation: YM agar, 25°C

***Schwanniomyces sp.***

InaCC Number: InaCC Y1477  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y051=Bank01-S01-4) ← NITE (Atsushi Yamazaki, JSAT12-2-Y051)  
 Source of sample: Soil  
 Locality: Bangkirai, Balikpapan, East Kalimantan  
 Cultivation: YM agar, 25°C

***Sirobasidium sp.***

InaCC Number: InaCC Y966  
 History: LIPI (A. Kanti, LIPI12-2-Y226) ← NITE (A. Yamazaki, Bank.11.Le.F.2)  
 Other CC: NBRC 111092  
 Source of sample: Leaves  
 Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia  
 Cultivation: YM agar, 25°C

***Sirobasidium sp.***

InaCC Number: InaCC Y967  
 History: LIPI (A. Kanti, LIPI12-2-Y230) ← NITE (A. Yamazaki, Bank.11.Le.F.6)  
 Other CC: NBRC 111093  
 Source of sample: Leaves

Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia  
Cultivation: YM agar, 25°C

***Sirobasidium* sp.**

InaCC Number: InaCC **Y932**  
History: LIPI (A. Kanti, LIPI12-2-Y121) ← NITE (A. Yamazaki, Bank11-S01-1)  
Other CC: NBRC 111082  
Source of sample: Soil  
Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia  
Cultivation: YM agar, 25°C

***Sirobasidium* sp.**

InaCC Number: InaCC **Y968**  
History: LIPI (A. Kanti, LIPI12-2-Y233) ← NITE (A. Yamazaki, Bank.11.Le.F.9)  
Other CC: NBRC 111094  
Source of sample: Leaves  
Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia  
Cultivation: YM agar, 25°C

***Sporidiobolus pararoseus***

InaCC Number: InaCC **Y830**  
History: LIPI (A. Kanti, LIPI11-2-Y065) ← NITE (A. Yamazaki, CLE03M1)  
Other CC: NBRC 111252  
Source of sample: Leaf  
Locality: Cibodas Botanical Garden, Cipanas, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Sporidiobolus ruineniae***

InaCC Number: InaCC **Y241**  
History: LIPI (Atit Kanti, LIPIMC 0972) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.34)  
Source of sample: Stem of *Piper bettle*, Bali  
Locality: Bali  
Cultivation: PDA

***Sporidiobolus ruineniae***

InaCC Number: InaCC **Y255**  
History: LIPI (Atit Kanti, LIPIMC 0986) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.70)  
Source of sample: Leaf of *Piper bettle*, Bali  
Locality: Bali  
Cultivation: PDA

***Sporidiobolus ruineniae***

InaCC Number: InaCC **Y244**  
History: LIPI (Atit Kanti, LIPIMC 0975) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.40)  
Source of sample: Leaf of *Piper bettle*, Bali  
Locality: Bali  
Cultivation: PDA

***Sporidiobolus ruineniae***

InaCC Number: InaCC **Y243**  
History: LIPI (Atit Kanti, LIPIMC 0974) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.38)  
Source of sample: Leaf of *Piper bettle*, Bali  
Locality: Bali  
Cultivation: PDA

***Sporidiobolus ruineniae***

InaCC Number: InaCC **Y250**  
History: LIPI (Atit Kanti, LIPIMC 0981) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.56)  
Source of sample: Leaf of *Piper bettle*, Bali  
Locality: Bali  
Cultivation: PDA

***Sporidiobolus ruineniae***

InaCC Number: InaCC **Y251**  
History: LIPI (Atit Kanti, LIPIMC 0982) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.58)  
Source of sample: Leaf of *Piper bettle*, Bali  
Locality: Bali  
Cultivation: PDA

***Sporidiobolus ruineniae***

InaCC Number: InaCC **Y1551**  
History: LIPI (I Nyoman Sumerta, Y15Eg077)  
Source of sample: Citrus (*Citrus* sp.) leaf

Locality: Malakoni Village, Enggano District  
Cultivation: PDA, 25°C

***Sporidiobolus ruineniae***

InaCC Number: InaCC **Y239**  
History: LIPI (Atit Kanti, LIPIMC 0970) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.30)  
Source of sample: Leaf of *Piper bettle*, Bali  
Locality: Bali  
Cultivation: PDA

***Sporidiobolus ruineniae***

InaCC Number: InaCC **Y897**  
History: LIPI (A. Kanti, LIPI11-2-Y387) ← NITE (A. Yamazaki, ST05Le5-5)  
Other CC: NBRC 111286  
Source of sample: Leaf  
Locality: Mt. Salak, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Sporidiobolus ruineniae***

InaCC Number: InaCC **Y232**  
History: LIPI (Atit Kanti, LIPIMC 0963) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.12)  
Source of sample: Leaf of *Piper nigrum*, Bali  
Locality: Bali  
Cultivation: PDA

***Sporidiobolus ruineniae***

InaCC Number: InaCC **Y233**  
History: LIPI (Atit Kanti, LIPIMC 0964) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.13)  
Source of sample: Leaf of *Piper nigrum*, Bali  
Locality: Bali  
Cultivation: PDA

***Sporidiobolus ruineniae***

InaCC Number: InaCC **Y237**  
History: LIPI (Atit Kanti, LIPIMC 0968) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.26)  
Source of sample: Leaf of *Piper bettle*, Bali  
Locality: Bali  
Cultivation: PDA

***Sporidiobolus ruineniae***

InaCC Number: InaCC **Y253**  
History: LIPI (Atit Kanti, LIPIMC 0984) ← LIPI (Atit Kanti & Yeni Yuliani, Y.10.BS.62)  
Source of sample: Leaf of *Piper bettle*, Bali  
Locality: Bali  
Cultivation: PDA

***Sporidiobolus ruineniae***

InaCC Number: InaCC **Y1005**  
History: LIPI (A. Kanti, LIPI12-2-Y389) ← NITE (A. Yamazaki, DS-14-1)  
Other CC: NBRC 111349  
Source of sample: Soil  
Locality: Dramaga Protected Forest, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Sporidiobolus ruineniae***

InaCC Number: InaCC **Y108**  
History: LIPI (Atit Kanti, LIPIMC 0212) ← LIPI (Atit Kanti, 67-67)  
Source of sample: Leaves of *Malpighia coccigera*  
Locality: Received from Ruinen as # 29ex and described by Phaff. Indonesia, Bogor  
Cultivation: PDA

***Sporidiobolus ruineniae***

InaCC Number: InaCC **Y908**  
History: LIPI (A. Kanti, LIPI12-2-Y023) ← NITE (A. Yamazaki, KBS01-S01-1)  
Other CC: NBRC 111291  
Source of sample: Soil  
Locality: Wain River, Balikpapan, East Kalimantan, Indonesia  
Cultivation: YM agar, 25°C

***Sporidiobolus ruineniae (like-new species)***

InaCC Number: InaCC **Y322**  
History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, PL.4.W.8)  
Source of sample: Leaf litter  
Locality: Protected Forest Papalia, South Konawe  
Cultivation: PDA



***Sporidiobolus ruineniae* var. *soprophilus***InaCC Number: InaCC **Y1214**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y092) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y092)

Source of sample: Insect larvae

Locality: North Kuta, Badung, Bali

Cultivation: PDA

***Sporisorium bursum***InaCC Number: InaCC **Y919**

History: LIPI (A. Kanti, LIPI12-2-Y056) ← NITE (A. Yamazaki, Bank01-S01-10)

Other CC: NBRC 111077

Source of sample: Soil

Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia

Cultivation: YM agar, 25°C

***Sporisorium elionuri***InaCC Number: InaCC **Y1564**

History: LIPI (I Nyoman Sumerta, Y15Eg211)

Source of sample: *Clerodendron* sp. waste

Locality: Meok Village, Enggano District

Cultivation: PDA, 25°C

***Sporobolomyces***InaCC Number: InaCC **Y70**

History: LIPI (Atit Kanti, LIPIMC 0093) ← LIPI (Atit Kanti, Bo/1.2)

Source of sample: Tapai yeast

Locality: Bogor

Cultivation: PDA

***Sporobolomyces bannaensis***InaCC Number: InaCC **Y963**

History: LIPI (A. Kanti, LIPI12-2-Y213) ← NITE (A. Yamazaki, Bank.10.Le.F.2)

Other CC: NBRC 111323

Source of sample: Leaves

Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia

Cultivation: YM agar, 25°C

***Sporobolomyces bannaensis***InaCC Number: InaCC **Y952**

History: LIPI (A. Kanti, LIPI12-2-Y166) ← NITE (A. Yamazaki, Bank.02.Le.DP.1)

Other CC: NBRC 111316

Source of sample: Leaves

Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia

Cultivation: YM agar, 25°C

***Sporobolomyces carnicolor***InaCC Number: InaCC **Y962**

History: LIPI (A. Kanti, LIPI12-2-Y209) ← NITE (A. Yamazaki, Bank.10.Le.DP.1)

Other CC: NBRC 111322

Source of sample: Leaves

Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia

Cultivation: YM agar, 25°C

***Sporobolomyces carnicolor***InaCC Number: InaCC **Y780**

History: LIPI (A. Kanti, LIPI13-2-Y252) ← NITE (R. Kobayashi, DXG29-2)

Other CC: NBRC 110318

Source of sample: Straw

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia

Cultivation: PDA

***Sporobolomyces carnicolor***InaCC Number: InaCC **Y857**

History: LIPI (A. Kanti, LIPI11-2-Y241) ← NITE (A. Yamazaki, ST01Li3-2)

Other CC: NBRC 111262

Source of sample: Litter

Locality: Mt. Salak, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Sporobolomyces carnicolor***InaCC Number: InaCC **Y364**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.28)

Source of sample: Litter of *Piper bettle*

Locality: Mt. Salak  
Cultivation: PDA

***Sporobolomyces nylandii***

InaCC Number: InaCC **Y846**  
History: LIPI (A. Kanti, LIPI11-2-Y181) ← NITE (A. Yamazaki, ST01LE1-1)  
Other CC: NBRC 111257  
Source of sample: Leaf  
Locality: Mt. Salak, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Sporobolomyces nylandii***

InaCC Number: InaCC **Y1415**  
History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y213=ST01LE1-6) ← LIPI (Atit Kanti, JSAT11-2-Y213)  
Source of sample: Soil under *Litsea noronhae*  
Locality: Mt. Salak, Bogor, West Java  
Cultivation: YM agar, 25°C

***Sporobolomyces nylandii***

InaCC Number: InaCC **Y1427**  
History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI11-2-Y246=ST01Le1-B2) ← NITE (Atsushi Yamazaki, JSAT11-2-Y246)  
Source of sample: Soil under *Litsea noronhae*  
Locality: Mt. Salak, Bogor, West Java  
Cultivation: YM agar, 25°C

***Sporobolomyces nylandii***

InaCC Number: InaCC **Y414**  
History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.11.CB.041)  
Source of sample: Flower of corn  
Locality: Cibinong, Bogor, West Java  
Cultivation: PDA

***Sporobolomyces poonsookiae***

InaCC Number: InaCC **Y1609**  
History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR073)  
Source of sample: Litter

Locality: Mt. Betina, Karimun Regency, Riau Islands  
Cultivation: PDA, 25°C

***Sporobolomyces poonsookiae***

InaCC Number: InaCC **Y1607**  
History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR069)  
Source of sample: Litter  
Locality: Mt. Betina, Karimun Regency, Riau Islands  
Cultivation: PDA, 25°C

***Sporobolomyces poonsookiae***

InaCC Number: InaCC **Y1606**  
History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR068)  
Source of sample: Litter  
Locality: Mt. Betina, Karimun Regency, Riau Islands  
Cultivation: PDA, 25°C

***Sporobolomyces poonsookiae***

InaCC Number: InaCC **Y883**  
History: LIPI (A. Kanti, LIPI11-2-Y342) ← NITE (A. Yamazaki, ST04Li1-3)  
Other CC: NBRC 111278  
Source of sample: Litter  
Locality: Mt. Salak, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Sporobolomyces poonsookiae***

InaCC Number: InaCC **Y1561**  
History: LIPI (I Nyoman Sumerta, Y15Eg186)  
Source of sample: Soil around petai plant  
Locality: Taman Buru Village, Enggano District  
Cultivation: PDA, 25°C

***Sporobolomyces* sp.**

InaCC Number: InaCC **Y358**  
History: LIPI (Atit Kanti) ← LIPI (Atit Kanti & Yeni Yuliani, Y.09.GS.20)  
Source of sample: Leaf of *Piper bettle*  
Locality: Mt. Salak  
Cultivation: PDA

***Sporobolomyces* sp.**InaCC Number: InaCC **Y1470**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y393=ST03Li1-1) ← NITE (Atsushi Yamazaki, JSAT11-2-Y393)

Source of sample: Litter

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Sporobolomyces* sp.**InaCC Number: InaCC **Y1467**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y378=ST05Li3-4) ← NITE (Atsushi Yamazaki, JSAT11-2-Y378)

Source of sample: Litter

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Sporobolomyces* sp.**InaCC Number: InaCC **Y1456**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y341=ST04S5-3) ← NITE (Atsushi Yamazaki, JSAT11-2-Y341)

Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Sporobolomyces* sp.**InaCC Number: InaCC **Y999**

History: LIPI (A. Kanti, LIPI12-2-Y371) ← NITE (A. Yamazaki, DS-05-5)

Other CC: NBRC 111105

Source of sample: Soil around palm tree

Locality: Dramaga Protected Forest, Bogor, West Java, Indonesia

Cultivation: YM agar, 25°C

***Sporobolomyces* sp.**InaCC Number: InaCC **Y1425**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y242=ST01Li3-3) ← NITE (Atsushi Yamazaki, JSAT11-2-Y242)

Source of sample: Litter

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Sporobolomyces* sp.**InaCC Number: InaCC **Y1461**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y360=ST05S1-3) ← NITE (Atsushi Yamazaki, JSAT11-2-Y360)

Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Sporobolomyces* sp.**InaCC Number: InaCC **Y1457**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y345=ST04Li2-3) ← NITE (Atsushi Yamazaki, JSAT11-2-Y345)

Source of sample: Litter

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Sporobolomyces* sp.**InaCC Number: InaCC **Y1455**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y339=ST04S5-1) ← NITE (Atsushi Yamazaki, JSAT11-2-Y339)

Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Sporobolomyces* sp.**InaCC Number: InaCC **Y1454**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y334=ST04S2-2) ← NITE (Atsushi Yamazaki, JSAT11-2-Y334)

Source of sample: Soil

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Sporobolomyces* sp.**InaCC Number: InaCC **Y1466**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI11-2-Y377=ST05Li3-3) ← NITE (Atsushi Yamazaki, JSAT11-2-Y377)

Source of sample: Litter

Locality: Mt. Salak, Bogor, West Java

Cultivation: YM agar, 25°C

***Sporobolomyces spoonsookiae***InaCC Number: InaCC **Y258**

History: LIPI (Atit Kanti, LIPIMC 0989) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.30)

Source of sample: Leaf of *Piper bettle*, Mt. Salak

Locality: Mt. Salak

Cultivation: PDA

***Sporodiobolus ruinenii***InaCC Number: InaCC **Y314**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, PL.1.W.4)

Source of sample: Leaf litter

Locality: Protected Forest Papalia, South Konawe

Cultivation: PDA

***Starmerella* sp.**InaCC Number: InaCC **Y1018**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y111) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y111)

Other CC: NBRC 111545

Source of sample: Flower

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra

Cultivation: PDA

***Starmerella* sp.**InaCC Number: InaCC **Y1014**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y016) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y016)

Other CC: NBRC 111541

Source of sample: Flower

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra

Cultivation: PDA

***Starmerella* sp.**InaCC Number: InaCC **Y1016**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y058) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y058)

Other CC: NBRC 111543

Source of sample: Fermented soybean

Locality: Bawah, Bukittinggi, West Sumatra

Cultivation: PDA

***Starmerella* sp.**InaCC Number: InaCC **Y1029**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y157) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y157)

Other CC: NBRC 111556

Source of sample: Honey comb

Locality: Ubud Market, Ubud, Bali

Cultivation: PDA

***Sterigmatosporidium polymorphum***InaCC Number: InaCC **Y820**

History: LIPI (A. Kanti, LIPI11-2-Y022) ← NITE (A. Yamazaki, CS06. R-2)

Other CC: NBRC 111250

Source of sample: Soil around *Chinchona pubescens* tree

Locality: Cibodas Botanical Garden, Cipanas, West Java, Indonesia

Cultivation: YM agar, 25°C

***Sugiyamaella smithiae***InaCC Number: InaCC **Y754**

History: LIPI (A. Kanti, LIPI13-2-Y208) ← NITE (R. Kobayashi, DXA7-3)

Other CC: NBRC 110295

Source of sample: decayed wood

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia

Cultivation: PDA

***Sympodiomyopsis* sp.**InaCC Number: InaCC **Y926**

History: LIPI (A. Kanti, LIPI12-2-Y092-2) ← NITE (A. Yamazaki, Bank06-S01-8)

Other CC: NBRC 111080

Source of sample: Soil

Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia

Cultivation: YM agar, 25°C

***Torulaspota delbrueckii***

InaCC Number: InaCC **Y1621**  
 History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR103)  
 Source of sample: Yeast  
 Locality: Maimun Market, Karimun Regency, Riau Islands  
 Cultivation: PDA, 25°C

***Torulaspota delbrueckii***

InaCC Number: InaCC **Y1248**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y153) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y153)  
 Source of sample: Yeast (starter)  
 Locality: Ubud Market, Ubud, Bali  
 Cultivation: PDA

***Torulaspota delbrueckii***

InaCC Number: InaCC **Y1622**  
 History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR104)  
 Source of sample: Yeast  
 Locality: Maimun Market, Karimun Regency, Riau Islands  
 Cultivation: PDA, 25°C

***Torulaspota globosa***

InaCC Number: InaCC **Y1614**  
 History: LIPI (I Nyoman Sumerta & Atit Kanti, Y15KR094)  
 Source of sample: Cassava tapai  
 Locality: Maimun Market, Karimun Regency, Riau Islands  
 Cultivation: PDA, 25°C

***Trichosporon asahii***

InaCC Number: InaCC **Y987**  
 History: LIPI (A. Kanti, LIPI12-2-Y322) ← NITE (A. Yamazaki, KBS.01.Le.F.3)  
 Other CC: NBRC 111339  
 Source of sample: Leaves  
 Locality: Wain River, Balikpapan, East Kalimantan, Indonesia  
 Cultivation: YM agar, 25°C

***Trichosporon asahii***

InaCC Number: InaCC **Y768**  
 History: LIPI (A. Kanti, LIPI13-2-Y233) ← NITE (R. Kobayashi, DXG1-1)  
 Other CC: NBRC 110308  
 Source of sample: Decayed wood  
 Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia  
 Cultivation: PDA

***Trichosporon asahii***

InaCC Number: InaCC **Y1193**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y055) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y055)  
 Source of sample: Decayed wood  
 Locality: North Kuta, Badung, Bali  
 Cultivation: PDA

***Trichosporon asahii***

InaCC Number: InaCC **Y975**  
 History: LIPI (A. Kanti, LIPI12-2-Y260) ← NITE (A. Yamazaki, Cis.S.03.F.13)  
 Other CC: NBRC 111331  
 Source of sample: Soil  
 Locality: Ciseeng, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Trichosporon asahii***

InaCC Number: InaCC **Y977**  
 History: LIPI (A. Kanti, LIPI12-2-Y269) ← NITE (A. Yamazaki, Cis.S.05.F.3)  
 Other CC: NBRC 111333  
 Source of sample: Soil  
 Locality: Ciseeng, Bogor, West Java, Indonesia  
 Cultivation: YM agar, 25°C

***Trichosporon asahii***

InaCC Number: InaCC **Y1198**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y065) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y065)  
 Source of sample: Decayed wood  
 Locality: North Kuta, Badung, Bali  
 Cultivation: PDA

***Trichosporon asahii***

InaCC Number: InaCC **Y813**  
 History: LIPI (A. Kanti, LIPI13-2-Y315) ← NITE (R. Kobayashi, XYG47-2)  
 Other CC: NBRC 110351  
 Source of sample: Decayed wood  
 Locality: Anai Valley, Padang Panjang, West Sumatra, Indonesia  
 Cultivation: YMA

***Trichosporon asahii***

InaCC Number: InaCC **Y985**  
 History: LIPI (A. Kanti, LIPI12-2-Y304) ← NITE (A. Yamazaki, KB.03.Le.DP.2)  
 Other CC: NBRC 111337  
 Source of sample: Soil  
 Locality: Berau, Balikpapan, East Kalimantan, Indonesia  
 Cultivation: YM agar, 25°C

***Trichosporon coremiiforme***

InaCC Number: InaCC **Y771**  
 History: LIPI (A. Kanti, LIPI13-2-Y241-1) ← NITE (R. Kobayashi, DXG15-1-1)  
 Other CC: NBRC 110311  
 Source of sample: Decayed wood (Indonesian cherry tree)  
 Locality: (close to hot spring area), Padang, West Sumatra, Indonesia  
 Cultivation: PDA

***Trichosporon coremiiforme***

InaCC Number: InaCC **Y1144**  
 History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y172-1)  
 Source of sample: Dadih  
 Locality: Bawah, Bukittinggi, West Sumatra  
 Cultivation: PDA

***Trichosporon coremiiforme***

InaCC Number: InaCC **Y783**  
 History: LIPI (A. Kanti, LIPI13-2-Y258-2) ← NITE (R. Kobayashi, DXG56-1-2)  
 Other CC: NBRC 110321

Source of sample: Decayed wood  
 Locality: Anai Valley, Padang Panjang, West Sumatra, Indonesia  
 Cultivation: YMA

***Trichosporon faecale***

InaCC Number: InaCC **Y1501**  
 History: NITE & LIPI (Atsushi Yamazaki & Atit Kanti, LIPI12-2-Y248=Cis.S.03.F.1) ← LIPI (Atit Kanti, JSAT12-2-Y248)  
 Source of sample: Soil  
 Locality: Ciseeng, Bogor, West Java  
 Cultivation: YM agar, 25°C

***Trichosporon japonicum***

InaCC Number: InaCC **Y757**  
 History: LIPI (A. Kanti, LIPI13-2-Y214) ← NITE (R. Kobayashi, DXA26-3)  
 Other CC: NBRC 110298  
 Source of sample: Woodchip  
 Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia  
 Cultivation: PDA

***Trichosporon japonicum***

InaCC Number: InaCC **Y772**  
 History: LIPI (A. Kanti, LIPI13-2-Y243) ← NITE (R. Kobayashi, DXG26-1)  
 Other CC: NBRC 110312  
 Source of sample: Woodchip  
 Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia  
 Cultivation: PDA

***Trichosporon jirovecii***

InaCC Number: InaCC **Y812**  
 History: LIPI (A. Kanti, LIPI13-2-Y314-1) ← NITE (R. Kobayashi, XYG47-1-1)  
 Other CC: NBRC 110350  
 Source of sample: Decayed wood  
 Locality: Anai Valley, Padang Panjang, West Sumatra, Indonesia  
 Cultivation: PDA

***Trichosporon jirovecii***InaCC Number: InaCC **Y1168**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y010) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y010)

Source of sample: Decayed wood

Locality: Mangrove Information Center (MIC), Denpasar, Bali

Cultivation: PDA

***Trichosporon mycotoxinivorans***InaCC Number: InaCC **Y906**

History: LIPI (A. Kanti, LIPI12-2-Y017) ← NITE (A. Yamazaki, KB03-S01-4)

Other CC: NBRC 111290

Source of sample: Soil

Locality: Berau, Balikpapan, East Kalimantan, Indonesia

Cultivation: YM agar, 25°C

***Trichosporon mycotoxinivorans***InaCC Number: InaCC **Y928**

History: LIPI (A. Kanti, LIPI12-2-Y096) ← NITE (A. Yamazaki, Bank07-S01-1)

Other CC: NBRC 111299

Source of sample: Soil

Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia

Cultivation: YM agar, 25°C

***Trichosporon porosum***InaCC Number: InaCC **Y1227**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y116) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y116)

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali

Cultivation: PDA

***Trichosporon porosum***InaCC Number: InaCC **Y1234**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y131) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y131)

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali

Cultivation: PDA

***Trichosporon sp.***InaCC Number: InaCC **Y1502**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI12-2-Y251=Cis.S.03.F.4) ← LIPI (Atit Kanti, JSAT12-2-Y251)

Source of sample: Soil

Locality: Ciseeng, Bogor, West Java

Cultivation: YM agar, 25°C

***Trichosporon terricola***InaCC Number: InaCC **Y1475**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI12-2-Y022=KB03-S01-10) ← NITE (Atsushi Yamazaki, JSAT12-2-Y022)

Source of sample: Soil

Locality: Berau, Balikpapan, East Kalimantan

Cultivation: YM agar, 25°C

***Trichosporon terricola***InaCC Number: InaCC **Y1494**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI12-2-Y144=Cis-S03-3) ← NITE (Atsushi Yamazaki, JSAT12-2-Y144)

Source of sample: Soil

Locality: Ciseeng, Bogor, West Java

Cultivation: YM agar, 25°C

***Vanderwaltozyma polyspora***InaCC Number: InaCC **Y1322**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y271) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y271)

Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Wickerhamomyces anomalus***

InaCC Number: InaCC Y1325

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y274) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y274)

Source of sample: Soil

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Wickerhamomyces anomalus***

InaCC Number: InaCC Y662

History: LIPI (Atit Kanti, N.15%G.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.72)

Source of sample: Fermented glutinous rice

Locality: Kuningan

Cultivation: PDA

***Wickerhamomyces anomalus***

InaCC Number: InaCC Y1192

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y053) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y053)

Source of sample: Decayed wood

Locality: North Kuta, Badung, Bali

Cultivation: PDA

***Wickerhamomyces anomalus***

InaCC Number: InaCC Y627

History: LIPI (Atit Kanti, H.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.27)

Source of sample: Yeast

Locality: Pasar Baru, Bandung

Cultivation: PDA

***Wickerhamomyces anomalus***

InaCC Number: InaCC Y1072

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y048) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y048)

Source of sample: Yeast (starter) Bauwah

Locality: Bawah, Bukittinggi, West Sumatra

Cultivation: PDA

***Wickerhamomyces anomalus***

InaCC Number: InaCC Y1244

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y149) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y149)

Source of sample: Fermented green glutinous rice

Locality: Ubud Market, Ubud, Bali

Cultivation: PDA

***Wickerhamomyces anomalus***

InaCC Number: InaCC Y661

History: LIPI (Atit Kanti, N.10%.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.71)

Source of sample: Glutinous rice

Locality: Kuningan

Cultivation: PDA

***Wickerhamomyces anomalus***

InaCC Number: InaCC Y333

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.BS.09)

Source of sample: Leaf of *Piper bettle*, Bali

Locality: Bali

Cultivation: PDA

***Wickerhamomyces anomalus***

InaCC Number: InaCC Y664

History: LIPI (Atit Kanti, N.20%.2) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.74)

Source of sample: Glutinous rice

Locality: Kuningan

Cultivation: PDA

***Wickerhamomyces anomalus***

InaCC Number: InaCC Y665

History: LIPI (Atit Kanti, N.30%G.1) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.75)

Source of sample: Fermented glutinous rice

Locality: Kuningan

Cultivation: PDA



***Wickerhamomyces anomalus***InaCC Number: InaCC **Y666**

History: LIPI (Atit Kanti, N.30%G.2) ← LIPI (Atit Kanti, Yeni Yuliani &amp; Anis Mutirani, Y.12.MF.76)

Source of sample: Glutinous rice

Locality: Kuningan

Cultivation: PDA

***Wickerhamomyces anomalus***InaCC Number: InaCC **Y1068**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y037) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y037)

Source of sample: Dadih

Locality: Rakyat Market, Solok, West Sumatra

Cultivation: PDA

***Wickerhamomyces anomalus***InaCC Number: InaCC **Y1265**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y181) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y181)

Source of sample: Decayed wood

Locality: Cibodas Botanic Garden, Cipanas, West Java

Cultivation: PDA

***Wickerhamomyces anomalus***InaCC Number: InaCC **Y808**

History: LIPI (A. Kanti, LIPI13-2-Y307) ← NITE (R. Kobayashi, XYG28-1)

Other CC: NBRC 110346

Source of sample: Decayed leaf of pine

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia

Cultivation: PDA

***Wickerhamomyces rabaulensis***InaCC Number: InaCC **Y953**

History: LIPI (A. Kanti, LIPI12-2-Y176) ← NITE (A. Yamazaki, Bank.04.Le.DP.2)

Other CC: NBRC 111317

Source of sample: Leaves

Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia

Cultivation: YM agar, 25°C

***Wickerhamomyces rabaulensis***InaCC Number: InaCC **Y1591**

History: LIPI (I Nyoman Sumerta &amp; Atit Kanti, Y15KR029)

Source of sample: Decay woods

Locality: Mt. Jantan, Karimun Regency, Riau Islands

Cultivation: PDA, 25°C

***Wickerhamomyces rabaulensis***InaCC Number: InaCC **Y923**

History: LIPI (A. Kanti, LIPI12-2-Y076) ← NITE (A. Yamazaki, Bank04-S01-7)

Other CC: NBRC 111297

Source of sample: Soil

Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia

Cultivation: YM agar, 25°C

***Wickerhamomyces sp.***InaCC Number: InaCC **Y1163**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y003) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y003)

Source of sample: Decayed wood

Locality: Mangrove Information Center (MIC), Denpasar, Bali

Cultivation: PDA

***Wickerhamomyces sp.***InaCC Number: InaCC **Y1159**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y292) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y292)

Source of sample: Decayed wood

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra

Cultivation: PDA

***Wickerhamomyces* sp.**InaCC Number: InaCC **Y1499**

History: NITE &amp; LIPI (Atsushi Yamazaki &amp; Atit Kanti, LIPI12-2-Y212=Bank.10.Le.F.1) ← LIPI (Atit Kanti, JSAT12-2-Y212)

Source of sample: Leaves

Locality: Bangkirai, Balikpapan, East Kalimantan

Cultivation: YM agar, 25°C

***Wickerhamomyces* sp.**InaCC Number: InaCC **Y433**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.08.RA.015)

Source of sample: Soil

Locality: Waigeo, Raja Ampat, Papua

Cultivation: PDA

***Wickerhamomyces* sp.**InaCC Number: InaCC **Y1160**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y304-2) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y304-2)

Source of sample: Decayed wood

Locality: Batusangkar, Tanah Datar, West Sumatra

Cultivation: PDA

***Wickerhamomyces* sp.**InaCC Number: InaCC **Y736**

History: LIPI (A. Kanti, LIPI13-2-Y018) ← NITE (R. Kobayashi, YMA14-1)

Other CC: NBRC 110277

Source of sample: Leaf of pine

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra, Indonesia

Cultivation: PDA

***Wickerhamomyces* sp.**InaCC Number: InaCC **Y811**

History: LIPI (A. Kanti, LIPI13-2-Y313) ← NITE (R. Kobayashi, XYG29-3)

Other CC: NBRC 110349

Source of sample: Straw

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia

Cultivation: PDA

***Wickerhamomyces* sp.**InaCC Number: InaCC **Y1026**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y125) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y125)

Other CC: NBRC 111553

Source of sample: Decayed wood

Locality: Eka Karya Bali Botanic Garden, Baturiti, Bali

Cultivation: PDA

***Wickerhamomyces tratensis***InaCC Number: InaCC **Y1200**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI14-2-Y067) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT14-2-Y067)

Source of sample: Decayed wood

Locality: North Kuta, Badung, Bali

Cultivation: PDA

***Wickerhamomyces anomalus***InaCC Number: InaCC **Y260**

History: LIPI (Atit Kanti, LIPIMC 0991) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.09.GS.41)

Source of sample: Leaf of *Piper bettle*, Mt. Salak

Locality: Mount Salak

Cultivation: PDA

***Williopsis californica***InaCC Number: InaCC **Y432**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.08.RA.004)

Source of sample: Soil

Locality: Waigeo, Raja Ampat, Papua

Cultivation: PDA

***Williopsis californica***InaCC Number: InaCC **Y425**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.TP.044)

Source of sample: Soil

Locality: Tanjung Peropa, South East Sulawesi  
Cultivation: PDA

***Williopsis saturnus***

InaCC Number: InaCC **Y936**  
History: LIPI (A. Kanti, LIPI12-2-Y134) ← NITE (A. Yamazaki, Mhk01-S01-11)  
Other CC: NBRC 111304  
Source of sample: Soil  
Locality: Mahakam River, Balikpapan, East Kalimantan, Indonesia  
Cultivation: YM agar, 25°C

***Williopsis saturnus***

InaCC Number: InaCC **Y954**  
History: LIPI (A. Kanti, LIPI12-2-Y180) ← NITE (A. Yamazaki, Bank.04.Le.F.3)  
Other CC: NBRC 111318  
Source of sample: Leaves  
Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia  
Cultivation: YM agar, 25°C

***Williopsis saturnus***

InaCC Number: InaCC **Y938**  
History: LIPI (A. Kanti, LIPI12-2-Y137-2) ← NITE (A. Yamazaki, Cis-S01-1)  
Other CC: NBRC 111306  
Source of sample: Soil  
Locality: Ciseeng, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Williopsis saturnus***

InaCC Number: InaCC **Y917**  
History: LIPI (A. Kanti, LIPI12-2-Y052) ← NITE (A. Yamazaki, Bank01-S01-5)  
Other CC: NBRC 111293  
Source of sample: Soil  
Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia  
Cultivation: YM agar, 25°C

***Williopsis saturnus***

InaCC Number: InaCC **Y941**  
History: LIPI (A. Kanti, LIPI12-2-Y139) ← NITE (A. Yamazaki, Cis-S02-1)  
Other CC: NBRC 111309  
Source of sample: Soil  
Locality: Ciseeng, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Williopsis saturnus***

InaCC Number: InaCC **Y946**  
History: LIPI (A. Kanti, LIPI12-2-Y155-1) ← NITE (A. Yamazaki, Cis-S04-9)  
Other CC: NBRC 111312  
Source of sample: Soil  
Locality: Ciseeng, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Williopsis saturnus***

InaCC Number: InaCC **Y931**  
History: LIPI (A. Kanti, LIPI12-2-Y118) ← NITE (A. Yamazaki, Bank09-S01-10)  
Other CC: NBRC 111301  
Source of sample: Soil  
Locality: Bangkirai, Balikpapan, East Kalimantan, Indonesia  
Cultivation: YM agar, 25°C

***Williopsis saturnus***

InaCC Number: InaCC **Y873**  
History: LIPI (A. Kanti, LIPI11-2-Y300-2) ← NITE (A. Yamazaki, ST03S1-4)  
Other CC: NBRC 111273  
Source of sample: Soil  
Locality: Mt. Salak, Bogor, West Java, Indonesia  
Cultivation: YM agar, 25°C

***Williopsis saturnus***

InaCC Number: InaCC **Y762**  
History: LIPI (A. Kanti, LIPI13-2-Y220) ← NITE (R. Kobayashi, DXA28-2)  
Other CC: NBRC 110302  
Source of sample: Decayed leaf of pine

Locality: Batusangkar, Tanah Datar, West Sumatra, Indonesia  
Cultivation: PDA

***Yamadazyma aff. mexicana***

InaCC Number: InaCC **Y1566**  
History: LIPI (I Nyoman Sumerta, Y15Eg231)  
Source of sample: *Musa* sp. waste  
Locality: Banjar Sari Village, Enggano District  
Cultivation: PDA, 25°C

***Yamadazyma mexicana***

InaCC Number: InaCC **Y1177**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y026) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y026)  
Source of sample: Decayed wood  
Locality: Mangrove Information Center (MIC), Denpasar, Bali  
Cultivation: PDA

***Yamadazyma mexicana***

InaCC Number: InaCC **Y1197**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y064) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y064)  
Source of sample: Decayed wood  
Locality: North Kuta, Badung, Bali  
Cultivation: PDA

***Yamadazyma phyllophila***

InaCC Number: InaCC **Y1190**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y048) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y048)  
Source of sample: Decayed wood  
Locality: Mangrove Information Center (MIC), Denpasar, Bali  
Cultivation: PDA

***Yamadazyma phyllophila***

InaCC Number: InaCC **Y1188**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y042) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y042)

Source of sample: Decayed wood  
Locality: Mangrove Information Center (MIC), Denpasar, Bali  
Cultivation: PDA

***Yamadazyma phyllophila***

InaCC Number: InaCC **Y1195**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y058) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y058)  
Source of sample: Insect like termite  
Locality: North Kuta, Badung, Bali  
Cultivation: PDA

***Yamadazyma sp.***

InaCC Number: InaCC **Y1022**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y028) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y028)  
Other CC: NBRC 111549  
Source of sample: Decayed wood  
Locality: Mangrove Information Center (MIC), Denpasar, Bali  
Cultivation: PDA

***Yamadazyma sp.***

InaCC Number: InaCC **Y1321**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI14-2-Y267) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT14-2-Y267)  
Source of sample: Decayed wood  
Locality: Cibodas Botanic Garden, Cipanas, West Java  
Cultivation: PDA

***Yamadazyma sp.***

InaCC Number: InaCC **Y1107**  
History: NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, LIPI13-2-Y115) ← NITE & LIPI (Ryuichi Kobayashi & Atit Kanti, JSAT13-2-Y115)  
Source of sample: Fruit  
Locality: Bung Hatta Botanical Garden, Padang, West Sumatra  
Cultivation: PDA

***Yamadazyma* sp.**InaCC Number: InaCC **Y1054**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y013) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y013)

Source of sample: Fruit

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra

Cultivation: PDA

***Yamadazyma* sp.**InaCC Number: InaCC **Y1105**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y112) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y112)

Source of sample: Flower

Locality: Bung Hatta Botanical Garden, Padang, West Sumatra

Cultivation: PDA

***Zygosaccharomyces bailii***InaCC Number: InaCC **Y1152**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y189) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y189)

Source of sample: Fermented fruit

Locality: Bander, Padang, West Sumatra

Cultivation: PDA

***Zygosaccharomyces bailii***InaCC Number: InaCC **Y1101**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y094) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y094)

Source of sample: Fermented fruit

Locality: Bander, Padang, West Sumatra

Cultivation: PDA

***Zygosaccharomyces fermentati***InaCC Number: InaCC **Y1058**

History: NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, LIPI13-2-Y025) ← NITE &amp; LIPI (Ryuichi Kobayashi &amp; Atit Kanti, JSAT13-2-Y025)

Source of sample: Fermented black glutinous rice (tapai)

Locality: Rakyat Market, Solok, West Sumatra

Cultivation: PDA

***Zygowilliopsis californica***InaCC Number: InaCC **Y421**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.TP.040)

Source of sample: Soil

Locality: Tanjung peropa, South East Sulawesi

Cultivation: PDA

***Zygowilliopsis californica***InaCC Number: InaCC **Y422**

History: LIPI (Atit Kanti) ← LIPI (Atit Kanti &amp; Yeni Yuliani, Y.10.TP.041)

Source of sample: Soil

Locality: Tanjung Peropa, South East Sulawesi

Cultivation: PDA

## MICROALGAE

The word 'algae' originates from the Latin word for seaweed and is now applied to a broad assemblage of organisms that can be defined both in terms of morphology and general physiology. They are simple organisms, without differentiation into roots, stems, and leaves, and their sexual organs are not enclosed within protective coverings. Microphytes or microalgae are microscopic algae, typically found living in the water column and sediment, both in freshwater and marine environments. They are unicellular species that can exist both individually and in chains or groups. Depending on the species, their sizes can range from a few micrometers ( $\mu\text{m}$ ) to a few hundred micrometers. In terms of physiology, they are fundamentally autotrophic (obtaining all their materials from inorganic sources) and through photosynthesis able to generate complex carbon compounds from carbon dioxide and light energy.

Microalgae were recognized by their general characters of the pigment or color of organisms, storage of chemical products, photosynthesis ability, and cell walls. Furthermore, they are classified based on the presence or absence of the flagellate cells, reserve polysaccharides, and cell wall constituents. Based on those characters, life cycle, and the endosymbiotic theory in the evolution process, the algae are divided into 11 divisions: Cyanophyta, Prochlorophyta, Glaucophyta, Rhodophyta, Heterokontophyta, Haptophyta, Cryptophyta, Dinophyta, Euglenophyta, Chlorarachniophyta, and Chlorophyta. Taxonomically, the algae belong to the Regnum Kingdom of eubacteria and eukaryote, with one division of Cyanobacteria belongs to the prokaryote and the other 10 divisions belong to the eukaryote.

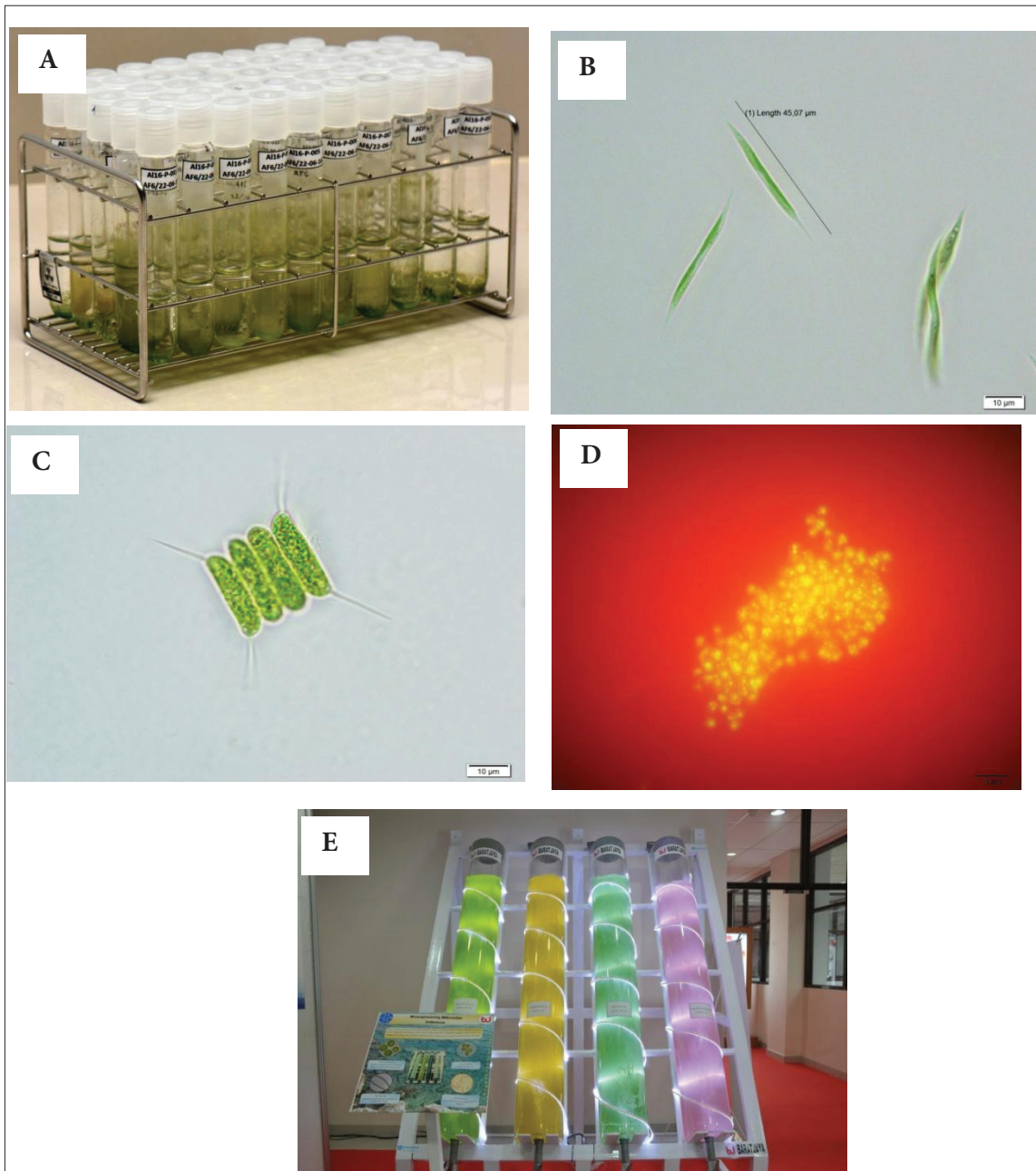
The biodiversity of microalgae is enormous and they represent an almost untapped resource. Only a few tens of thousands, out of a total of 200,000–800,000 different species, have been described in literature. With so many unknown algae species, an almost inexhaustible source of possibilities exists. The genetic analysis and ranking of all types of microalgae are still in progress and there is not yet a complete and consistent classification. However, over 15,000 novel compounds originating from algal biomass have been chemically determined. Most of these microalgae species generate unique products like carotenoids, antioxidants, fatty acids, enzymes, polymers, peptides, toxins, and sterols.

The chemical composition of microalgae is not an intrinsic constant factor, but varies over a wide range, both depending on species and cultivation conditions. Some microalgae have the capacity to acclimate to changes in environmental conditions by altering their chemical composition in response to environmental variability. A particularly dramatic example is their ability to replace phospholipids with non-phosphorus membrane lipids in P-depleted environments. It is possible for microalgae to accumulate the desired products to a large extent as a response to changes in environmental factors, such as temperature, illumination, pH,  $\text{CO}_2$  supply, salt, and nutrients. They also produce chemical signals that contribute to prey selection, defense, and avoidance. These chemical signals affect large-scale tropic structures such as algal blooms, but propagate by simple diffusion and laminar advective flow.

Microalgae hold tremendous potential for industrial biotechnology. They are the source of many beneficial products for mankind in a wide range of sectors, such as human nutrition, feed, agriculture,

aquaculture, and cosmetics, among others. They are traditional sources of protein and carbohydrates. They can also be used in the sustainable production of natural pigments and antioxidants such as beta-carotene and astaxanthin. Polyunsaturated fatty acids, which usually come from fish oil, can also be synthesized from microalgae. At the moment, numerous agricultural crops are grown for the production of oil or starch-like substances, which can be used for the production of fuel. Furthermore, algae can serve as the basis for pharmaceutical agents such as antiviral and anticancerogenous substances. In environmental biotechnology, new concepts are currently being developed to employ microalgae to recover phosphorus and nitrogen from sewage and reintroduce them into the nutrient cycle by means of organic fertilizers.

Indonesian Culture Collection (InaCC) maintains about 180 numbers of freshwater and marine algae, which were mostly isolated from Indonesian waters. Eukaryotic microalgae and prokaryotic cyanobacteria (blue-green algae) in InaCC have been preserved by serial subculture and freezing (-80°C). They are available for education, research, and development in accordance with the 'Agreement for distribution'.



Note: (A) InaCC microalgae collection  
 (B) *Ankistrodermus* sp. InaCC M26 viewed under microscope  
 (C) *Scenedesmus* sp. InaCC M31 viewed under microscope  
 (D) Quantitative determination of lipid content from InaCC microalgae collection  
 (E) Bubble column for microalgae high-scale cultivation: *Nannochloropsis* sp., *Coelastrella* sp., *Spirulina* sp., and *Rhodobium marinum*, respectively from left to right

Source: Microalgae Laboratory, InaCC; (A), (B), (C), (D) 2018; (E) 2014

**Figure 1.3** Diversity of Microalgae Collected in InaCC





## LIST OF MICROALGAE

### *Amphora* sp.

InaCC Number: InaCC **M81**

History: Depositor ← NBRC (H. Sekiguchi, JSAT13-2-A1047-Neo) ← RC. Biotech. LIPI (Dwi, LIPI13-2-A1047) ← RC. Biotech. LIPI (Hani, KSJ03-01d)

Source of sample: Water

Locality: Pramuka Island, Jakarta

Cultivation: IMK (SW), 20°C

### *Amphora* sp.

InaCC Number: InaCC **M77**

History: Depositor ← NBRC (H. Sekiguchi, JSAT13-2-A1040-Neo) ← RC. Biotech. LIPI (Dwi, LIPI13-2-A1040) ← RC. Biotech. LIPI (Delicia, WKT 14-10-4.7A)

Source of sample: Sediment

Locality: Wakatobi, Southeast Sulawesi

Cultivation: IMK (SW), 20°C

### *Anabaena cylindrica*

InaCC Number: InaCC **M179**

History: InaCC ← RC. Biology. LIPI (Debora C. Purbani), M17-KR12

Source of sample: Water

Locality: Pongkar Waterfall, Mt. Betina, Riau islands

Cultivation: AF6, pH 6.6, 25°C

### *Anabaena cylindrica*

InaCC Number: InaCC **M187**

History: InaCC ← RC. Biology. LIPI (Debora C. Purbani), M18-BR7

Source of sample: Biofilm

Locality: Borobudur Temple, Magelang, Indonesia

Cultivation: BG11, pH 7.4, 25°C

### *Anabaena* sp.

InaCC Number: InaCC **M74**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI13-2-A1008) ← RC. Biotech. LIPI (Delicia Y. Rahman, SBY3-2.2F)

Source of sample: Water and sediment

Locality: Surabaya, East Java

Cultivation: AF6, pH 6.6, 25°C

### *Ankistrodesmus falcatus*

InaCC Number: InaCC **M156**

History: InaCC ← RC. Biology. LIPI (Debora, M17-S12)

Source of sample: Water

Locality: Kuala Makmur, Simeuleu, Aceh

Cultivation: AF6, 25°C

### *Ankistrodesmus falcatus*

InaCC Number: InaCC **M160**

History: InaCC ← RC. Biology. LIPI (Debora, M17-S16)

Source of sample: Water

Locality: Langi Village, Alafan, Simeulue, Aceh

Cultivation: AF6, 25°C

***Ankistrodesmus falcatus***

InaCC Number: InaCC M184

History: InaCC ← RC. Biology. LIPI (Debora C. Purbani), M18-BR1

Source of sample: Biofilm

Locality: Borobudur Temple, Magelang, Indonesia

Cultivation: BG11, pH 7.4, 25°C

***Ankistrodesmus sp.***

InaCC Number: InaCC M27

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI11-2-AI030) ← RC. Biotech. LIPI (Hani Susanti, PL2 A1.2)

Source of sample: Surface of sediment

Locality: Pekanbaru, Riau

Cultivation: AF6, pH 6.6, 25°C

***Ankistrodesmus sp.***

InaCC Number: InaCC M7

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI11-2-AI010) ← RC. Biotech. LIPI (Delicia Y. Rahman, PL3 A1/R)

Source of sample: Surface of driftwood

Locality: Pekanbaru, Riau

Cultivation: AF6, pH 6.6, 25°C

***Ankistrodesmus sp.***

InaCC Number: InaCC M26

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI11-2-AI028) ← RC. Biotech. LIPI (Hani Susanti, PL3 A1)

Source of sample: Surface of driftwood

Locality: Pekanbaru, Riau

Cultivation: AF6, pH 6.6, 25°C

***Aphanothece sp.***

InaCC Number: InaCC M82

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI13-2-AI055) ← RC. Biotech. LIPI (Hani Susanti, WK 01-07a)

Source of sample: Surface of stone

Locality: Wakatobi, Southeast Sulawesi

Cultivation: IMK, 25°C

***Auxenochlorella protothecoides***

InaCC Number: InaCC M119

History: InaCC ← RC. Biology. LIPI (Debora, M16-P35)

Source of sample: Sediment

Locality: Sausapor District, Tambrauw

Cultivation: IMK, 25°C

***Auxenochlorella protothecoides***

InaCC Number: InaCC M147

History: InaCC ← RC. Biology. LIPI (Debora, M15-Eg30)

Source of sample: Water

Locality: Meok, Enggano

Cultivation: IMK, 25°C

***Auxenochlorella protothecoides***

InaCC Number: InaCC M148

History: InaCC ← RC. Biology. LIPI (Debora, M15-Eg32)

Source of sample: Surface of stone

Locality: Malakoni Beach, Enggano

Cultivation: IMK, 25°C

***Auxenochlorella protothecoides***

InaCC Number: InaCC M149

History: InaCC ← RC. Biology. LIPI (Debora, M15-Eg42)

Source of sample: Surface of stone

Locality: Kaana Beach, Enggano

Cultivation: IMK, 25°C

***Auxenochlorella protothecoides***

InaCC Number: InaCC M150

History: InaCC ← RC. Biology. LIPI (Debora, M15-Eg45)

Source of sample: Surface of stone

Locality: Malakoni Beach, Enggano

Cultivation: IMK, 25°C

***Calenema singularis***

InaCC Number: InaCC M121

History: InaCC ← RC. Biology. LIPI (Debora, M16-P40)

Source of sample: Water and Sediment  
 Locality: Sausapor District, Tambrauw  
 Cultivation: IMK, 25°C

***Chlorella kessleri***

InaCC Number: InaCC **M124**  
 History: InaCC ← RC. Biology. LIPI (Debora, M16-SM3)  
 Source of sample: Sediment  
 Locality: Ramuk River, NTT  
 Cultivation: AF6, pH 6.6, 25°C

***Chlorella kessleri***

InaCC Number: InaCC **M132**  
 History: InaCC ← RC. Biology. LIPI (Debora, M16-P31)  
 Source of sample: Surface of stone  
 Locality: Sausapor District, Tambrauw  
 Cultivation: IMK, 25°C

***Chlorella kessleri***

InaCC Number: InaCC **M133**  
 History: InaCC ← RC. Biology. LIPI (Debora, M16-P32)  
 Source of sample: Surface of Stone  
 Locality: Sausapor District, Tambrauw  
 Cultivation: IMK, 25°C

***Chlorella kessleri***

InaCC Number: InaCC **M139**  
 History: InaCC ← RC. Biology. LIPI (Debora, M15-Eg6)  
 Source of sample: Surface of Stone  
 Locality: Kaana Beach, Enggano  
 Cultivation: IMK, 25°C

***Chlorella kessleri***

InaCC Number: InaCC **M140**  
 History: InaCC ← RC. Biology. LIPI (Debora, M15-Eg8)  
 Source of sample: Surface of stone  
 Locality: Kaana Beach, Enggano  
 Cultivation: IMK, 25°C

***Chlorella kessleri***

InaCC Number: InaCC **M141**  
 History: InaCC ← RC. Biology. LIPI (Debora, M15-Eg9)  
 Source of sample: Water  
 Locality: Meok, Enggano  
 Cultivation: IMK, 25°C

***Chlorella kessleri***

InaCC Number: InaCC **M146**  
 History: InaCC ← RC. Biology. LIPI (Debora, M15-Eg27)  
 Source of sample: Water  
 Locality: Meok, Enggano  
 Cultivation: IMK, 25°C

***Chlorella kessleri***

InaCC Number: InaCC **M163**  
 History: InaCC ← RC. Biology. LIPI (Debora, M17-S22)  
 Source of sample: Water  
 Locality: Langi Village, Alafan, Simeulue, Aceh  
 Cultivation: AF6, 25°C

***Chlorella kessleri***

InaCC Number: InaCC **M182**  
 History: InaCC ← RC. Biology. LIPI (Debora C. Purbani), M17-KR17  
 Source of sample: Water  
 Locality: Pongkar Waterfall, Mt. Betina, Riau Islands  
 Cultivation: AF6, pH 6.6, 25°C

***Chlorella sorokiniana***

InaCC Number: InaCC **M12**  
 History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI11-2-AI015) ← RC. Biotech. LIPI (Delicia Y. Rahman, 2D5)  
 Source of sample: Surface of sedimen  
 Locality: Lombok, NTB  
 Cultivation: AF6, pH 6.6, 25°C

***Chlorella sorokiniana***InaCC Number: InaCC **M38**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI016) ← RC. Biotech. LIPI (Hani Susanti, LP0307A)

Source of sample: Water

Locality: Sidoarjo, East Java

Cultivation: AF6, pH 6.6, 25°C

***Chlorella sorokiniana***InaCC Number: InaCC **M108**

History: InaCC ← RC. Biology. LIPI (Debora, M16-P5)

Source of sample: Surface of stone

Locality: Miyah District, Tambrauw

Cultivation: AF6, pH 6.6, 25°C

***Chlorella sorokiniana***InaCC Number: InaCC **M113**

History: InaCC ← RC. Biology. LIPI (Debora, M16-P16)

Source of sample: Surface of stone

Locality: Fef District, Tambrauw

Cultivation: AF6, pH 6.6, 25°C

***Chlorella sorokiniana***InaCC Number: InaCC **M126**

History: InaCC ← RC. Biology. LIPI (Debora, M16-SM7)

Source of sample: Water and sediment

Locality: Wanggameti National Park area, NTT

Cultivation: AF6, pH 6.6, 25°C

***Chlorella sorokiniana***InaCC Number: InaCC **M136**

History: InaCC ← RC. Biology. LIPI (Debora, M16-SM15))

Source of sample: Sediment

Locality: Kapungbung Cave, NTT

Cultivation: AF6, 25°C

***Chlorella sorokiniana***InaCC Number: InaCC **M151**

History: InaCC ← RC. Biology. LIPI (Debora, M17-S04)

Source of sample: Water

Locality: Kuala Makmur, Simeuleu, Aceh

Cultivation: AF6, 25°C

***Chlorella sorokiniana***InaCC Number: InaCC **M165**

History: InaCC ← RC. Biology. LIPI (Debora, M17-S24)

Source of sample: Water

Locality: Laut Tawar Village, Simeulue Barat, Aceh

Cultivation: AF6, 25°C

***Chlorella sorokiniana***InaCC Number: InaCC **M166**

History: InaCC ← RC. Biology. LIPI (Debora, M17-S25)

Source of sample: Water

Locality: Laut Tawar Village, Simeulue Barat, Aceh

Cultivation: AF6, 25°C

***Chlorella sp.***InaCC Number: InaCC **M36**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI006) ← RC. Biotech. LIPI (Delicia Y. Rahman, KT07-11d)

Source of sample: Water

Locality: Berau, Kalimantan

Cultivation: AF6, pH 6.6, 25°C

***Chlorella sp.***InaCC Number: InaCC **M35**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI002) ← RC. Biotech. LIPI (Delicia Y. Rahman, KT06-07c)

Source of sample: Surface of wood

Locality: Berau, Kalimantan

Cultivation: AF6, pH 6.6, 25°C

***Chlorella sp.***InaCC Number: InaCC **M11**

History: Depositor ← NBRC (H. Sekiguchi, JSAT11-2-AI014-13Fy-Neo) ← RC.

Biotech. LIPI (Dwi, LIPI11-2-A1014) ← RC.  
Biotech. LIPI (Delicia, 4B6.7)  
Source of sample: Wall surface  
Locality: Lombok, NTB  
Cultivation: AF6, pH 6.6, 25°C

***Chlorella* sp.**

InaCC Number: InaCC M87  
History: Depositor ← NBRC (H. Sekiguchi, JSAT13-2-A1067-Neo) ← RC. Biotech. LIPI (Dwi, LIPI13-2-A1067) ← RC. Biotech. LIPI (Hani, WKT 04-03)  
Source of sample: Surface of stone  
Locality: Patuno, Wangi-Wangi, Southeast Sulawesi  
Cultivation: AF6, pH 6.6, 20°C

***Chlorella* sp.**

InaCC Number: InaCC M71  
History: Depositor ← NBRC (H. Sekiguchi, JSAT12-2-A1060-Neo) ← RC. Biotech. LIPI (Dwi, LIPI12-2-A1060)  
Source of sample: Water  
Locality: Siam Giak Kecil, Riau  
Cultivation: AF6, pH 6.6, 20°C

***Chlorella* sp.**

InaCC Number: InaCC M17  
History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI11-2-A1019) ← RC. Biotech. LIPI (Delicia Y. Rahman, PL3 A4.2)  
Source of sample: Surface of stone  
Locality: Lombok, NTB  
Cultivation: AF6, pH 6.6, 25°C

***Chlorella* sp.**

InaCC Number: InaCC M54  
History: Depositor ← NBRC (H. Sekiguchi, JSAT12-2-A1034-Neo) ← RC. Biotech. LIPI (Dwi, LIPI12-2-A1034) ← RC. Biotech. LIPI (Hani, DMS)  
Source of sample: Water  
Locality: Domas Crater, West Java  
Cultivation: AF6, pH 6.6, 20°C

***Chlorella* sp.**

InaCC Number: InaCC M47  
History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI12-2-A1026) ← RC. Biotech. LIPI (Hani Susanti, IDM ct D)  
Source of sample: Water  
Locality: Indramayu, West Java  
Cultivation: IMK, 25°C

***Chlorella* sp.**

InaCC Number: InaCC M39  
History: Depositor ← NBRC (H. Sekiguchi, JSAT12-2-A1016-Neo) ← RC. Biotech. LIPI (Dwi, LIPI12-2-A1016) ← RC. Biotech. LIPI (Hani Susanti, LP0307A)  
Source of sample: Water  
Locality: Sidoarjo, East Java  
Cultivation: AF6, pH 6.6, 20°C

***Chlorella* sp.**

InaCC Number: InaCC M52  
History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI12-2-A1032) ← RC. Biotech. LIPI (Hani Susanti, LP02-02)  
Source of sample: Water  
Locality: Sidoarjo, East Java  
Cultivation: AF6, pH 6.6, 25°C

***Chlorella* sp.**

InaCC Number: InaCC M53  
History: Depositor ← NBRC (H. Sekiguchi, JSAT12-2-A1032-Neo) ← RC. Biotech. LIPI (Dwi, LIPI12-2-A1032) ← RC. Biotech. LIPI (Hani Susanti, LP02-02)  
Source of sample: Water  
Locality: Sidoarjo, East Java  
Cultivation: AF6, pH 6.6, 20°C

***Chlorella* sp.**

InaCC Number: InaCC M43  
History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI12-2-A1020) ← RC. Biotech. LIPI (Hani Susanti, WDM ct B)  
Source of sample: Water  
Locality: Majalengka, West Java  
Cultivation: AF6, pH 6.6, 25°C

***Chlorella vulgaris***InaCC Number: InaCC **M10**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI11-2-AI012) ← RC. Biotech. LIPI (Delicia Y. Rahman, PL3 B6)

Source of sample: Surface of stone

Locality: Lombok, NTB

Cultivation: AF6, pH 6.6, 25°C

***Chlorella vulgaris***InaCC Number: InaCC **M57**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI042) ← RC. Biotech. LIPI (Delicia Y. Rahman, KT 07-09)

Source of sample: Surface of stone

Locality: Balikpapan, Kalimantan

Cultivation: AF6, pH 6.6, 25°C

***Chlorococcum oleofaciens***InaCC Number: InaCC **M154**

History: InaCC ← RC. Biology. LIPI (Debora, M17-S10)

Source of sample: Water

Locality: Kuala Makmur, Simeuleu, Aceh

Cultivation: AF6, 25°C

***Chlorococcum oleofaciens***InaCC Number: InaCC **M170**

History: InaCC ← RC. Biology. LIPI (Debora, M17-S32)

Source of sample: Water

Locality: Laut Tawar Village, Simeulue Barat, Aceh

Cultivation: AF6, 25°C

***Chlorococcum sp.***InaCC Number: InaCC **M85**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI13-2-AI063) ← RC. Biotech. LIPI (Hani Susanti, WKT02-06c)

Source of sample: Surface of stone

Locality: Wakatobi, Southeast Sulawesi

Cultivation: AF6, pH 6.6, 25°C

***Chlorococcum sp.***InaCC Number: InaCC **M28**

History: Depositor ← NBRC (H. Sekiguchi, JSAT11-2-AI030-Neo) ← RC. Biotech. LIPI (Dwi, LIPI11-2-AI030) ← RC. Biotech. LIPI (Hani Susanti, PL2 A1.2)

Source of sample: Surface of sediment

Locality: Pekanbaru, Riau

Cultivation: AF6, pH 6.6, 20°C

***Chlorococcosum sp.***InaCC Number: InaCC **M56**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI039) ← RC. Biotech. LIPI (Delicia Y. Rahman, KT 06-09)

Source of sample: Surface of wood

Locality: Berau, Kalimantan

Cultivation: AF6, pH 6.6, 25°C

***Chlorogloeopsis fritschii***InaCC Number: InaCC **M125**

History: InaCC M125 ← RC. Biology. LIPI (Debora, M16-SM5)

Source of sample: Surface of stone

Locality: Ramuk River, NTT

Cultivation: AF6, pH 6.6, 25°C

***Chroococcus sp.***InaCC Number: InaCC **M41**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI018) ← RC. Biotech. LIPI (Hani Susanti, KNG2A)

Source of sample: Water

Locality: Kuningan, West Java

Cultivation: IMK, 25°C

***Closterium sp.***InaCC Number: InaCC **M9**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI11-2-AI011) ← RC. Biotech. LIPI (Delicia Y. Rahman, PL5 B4.2)

Source of sample: Water

Locality: Lombok, NTB

Cultivation: AF6, pH 6.6, 25°C

***Coccomyxa melkonianii***

InaCC Number: InaCC **M159**  
 History: InaCC ← RC. Biology. LIPI (Debora, M17-S15)  
 Source of sample: Water  
 Locality: Kuala Makmur, Simeuleu, Aceh  
 Cultivation: AF6, 25°C

***Coccomyxa melkonianii***

InaCC Number: InaCC **M181**  
 History: InaCC ← RC. Biology. LIPI (Debora C. Purbani), M17-KR16  
 Source of sample: Water  
 Locality: Pongkar Waterfall, Mt. Betina, Riau Islands  
 Cultivation: AF6, pH 6.6, 25°C

***Coccomyxa* sp.**

InaCC Number: InaCC **M18**  
 History: Depositor ← NBRC (H. Sekiguchi, JSAT11-2-AI019-Neo) ← RC. Biotech. LIPI (Dwi, LIPI11-2-AL019) ← RC. Biotech. LIPI (Delicia Y. Rahman, PL3 A4.2)  
 Source of sample: Surface of stone  
 Locality: Lombok, NTB  
 Cultivation: AF6, pH 6.6, 20°C

***Coccomyxa* sp.**

InaCC Number: InaCC **M89**  
 History: Depositor ← NBRC (H. Sekiguchi, JSAT13-2-AI075-Neo) ← RC. Biotech. LIPI (Dwi, LIPI13-2-AI075) ← RC. Biotech. LIPI (Hani, WKT 12-02)  
 Source of sample: Surface of shell  
 Locality: Patuno, Wangi-Wangi, Southeast Sulawesi  
 Cultivation: AF6, pH 6.6, 20°C

***Coccomyxa* sp.**

InaCC Number: InaCC **M24**  
 History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI11-2-AI027) ← RC. Biotech. LIPI (Hani Susanti, PL1 A4)  
 Source of sample: Surface of wood  
 Locality: Giak Siam Kecil, Riau  
 Cultivation: AF6, pH 6.6, 25°C

***Coccomyxa* sp.**

InaCC Number: InaCC **M67**  
 History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI053) ← RC. Biotech. LIPI (Delicia Y. Rahman, KT09-12)  
 Source of sample: Water  
 Locality: Bengkirai, Kalimantan  
 Cultivation: AF6, pH 6.6, 25°C

***Coccomyxa* sp.**

InaCC Number: InaCC **M66**  
 History: Depositor ← NBRC (H. Sekiguchi, JSAT12-2-AI052-Neo) ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI052) ← RC. Biotech. LIPI (Delicia, KT09-12)  
 Source of sample: Water  
 Locality: Bangkirai, East Kalimantan  
 Cultivation: AF6, pH 6.6, 20°C

***Coelastrella multistriata***

InaCC Number: InaCC **M22**  
 History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI11-2-AI024) ← RC. Biotech. LIPI (Delicia Y. Rahman, PL3 B5.1)  
 Source of sample: Surface of stone  
 Locality: Lombok, NTB  
 Cultivation: AF6, pH 6.6, 25°C

***Coelastrella multistriata***

InaCC Number: InaCC **M4**  
 History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI11-2-AI006) ← RC. Biotech. LIPI (Delicia Y. Rahman, PL3 B4)  
 Source of sample: Surface of stone  
 Locality: Lombok, NTB  
 Cultivation: AF6, pH 6.6, 25°C

***Coelastrella multistriata***

InaCC Number: InaCC **M175**  
 History: InaCC ← RC. Biology. LIPI (Debora C. Purbani), M17-KR02  
 Source of sample: Water  
 Locality: Pongkar Waterfall, Mt. Betina, Riau Islands  
 Cultivation: AF6, pH 6.6, 25°C



***Coelastrella oocystiformis***InaCC Number: InaCC **M106**

History: InaCC ← RC. Biology. LIPI (Debora, M16-P1)

Source of sample: Sediment

Locality: Kebar District, Tambrauw

Cultivation: AF6, pH 6.6, 25°C

***Coelastrella oocystiformis***InaCC Number: InaCC **M128**

History: InaCC ← RC. Biology. LIPI (Debora, M16-SM14)

Source of sample: Sediment

Locality: Lake Polobande, NTT

Cultivation: AF6, pH 6.6, 25°C

***Coelastrella oocystiformis***InaCC Number: InaCC **M135**

History: InaCC ← RC. Biology. LIPI (Debora, M16-P48)

Source of sample: Surface of Stone

Locality: Sausapor District, Tambrauw

Cultivation: IMK, 25°C

***Coelastrella oocystiformis***InaCC Number: InaCC **M137**

History: InaCC ← RC. Biology. LIPI (Debora, M16-SM16)

Source of sample: Water

Locality: Kapungbung Cave, NTT

Cultivation: AF6, 25°C

***Coelastrella oocystiformis***InaCC Number: InaCC **M138**

History: InaCC ← RC. Biology. LIPI (Debora, M16-SM17)

Source of sample: Water

Locality: Kapungbung Cave, NTT

Cultivation: AF6, 25°C

***Coelastrella oocystiformis***InaCC Number: InaCC **M152**

History: InaCC ← RC. Biology. LIPI (Debora, M17-S07)

Source of sample: Water

Locality: Kuala Makmur, Simeuleu, Aceh

Cultivation: AF6, 25°C

***Coelastrella oocystiformis***InaCC Number: InaCC **M153**

History: InaCC ← RC. Biology. LIPI (Debora, M17-S08)

Source of sample: Water

Locality: Kuala Makmur, Simeuleu, Aceh

Cultivation: AF6, 25°C

***Coelastrella oocystiformis***InaCC Number: InaCC **M167**

History: InaCC ← RC. Biology. LIPI (Debora, M17-S26)

Source of sample: Water

Locality: Desa Laut Tawar, Simeulue Barat, Aceh

Cultivation: AF6, 25°C

***Coelastrella sp.***InaCC Number: InaCC **M2**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI11-2-AL005) ← RC. Biotech. LIPI (Delicia Y. Rahman, PL3 D6)

Source of sample: Surface of stone

Locality: Lombok, NTB

Cultivation: AF6, pH 6.6, 25°C

***Coelastrella sp.***InaCC Number: InaCC **M3**

History: Depositor ← NBRC (H. Sekiguchi, JSAT11-2-AL005-Neo) ← RC. Biotech. LIPI (Dwi, LIPI11-2-AL005) ← RC. Biotech. LIPI (Delicia Y. Rahman, PL3 D6)

Source of sample: Surface of stone

Locality: Lombok, NTB

Cultivation: AF6, pH 6.6, 25°C

***Coelastrella sp.***InaCC Number: InaCC **M5**

History: Depositor ← NBRC (H. Sekiguchi, JSAT11-2-AL006-Neo) ← RC. Biotech. LIPI (Dwi, LIPI11-2-AL006) ← RC. Biotech. LIPI (Delicia Y. Rahman, PL3 B4)

Source of sample: Surface of stone

Locality: Lombok, NTB

Cultivation: AF6, pH 6.6, 25°C

***Coelastrella* sp.**

InaCC Number: InaCC M14

History: Depositor ← NBRC (H. Sekiguchi, JSAT11-2-AI016-Neo) ← RC. Biotech. LIPI (Dwi, LIPI11-2-AI016) ← RC. Biotech. LIPI (Delicia, PL5.B4.a)

Source of sample: Water

Locality: Lombok, NTB

Cultivation: AF6, pH 6.6, 25°C

***Coelastrella* sp.**

InaCC Number: InaCC M15

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI11-2-AI018) ← RC. Biotech. LIPI (Delicia Y. Rahman, PL3 A4.3)

Source of sample: Surface of stone

Locality: Lombok, NTB

Cultivation: AF6, pH 6.6, 25°C

***Coelastrella* sp.**

InaCC Number: InaCC M16

History: Depositor ← NBRC (H. Sekiguchi, JSAT11-2-AI018-Neo) ← RC. Biotech. LIPI (Dwi, LIPI11-2-AI018) ← RC. Biotech. LIPI (Delicia Y. Rahman, PL3 A4.3)

Source of sample: Surface of stone

Locality: Lombok, NTB

Cultivation: AF6, pH 6.6, 20°C

***Coelastrella* sp.**

InaCC Number: InaCC M20

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI11-2-AI021) ← RC. Biotech. LIPI (Delicia Y. Rahman, PL3 B6)

Source of sample: Surface of stone

Locality: Lombok, NTB

Cultivation: AF6, pH 6.6, 25°C

***Coelastrella* sp.**

InaCC Number: InaCC M21

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI11-2-AI022) ← RC. Biotech. LIPI (Delicia Y. Rahman, PL3 B6 a)

Source of sample: Surface of stone

Locality: Lombok, NTB

Cultivation: AF6, pH 6.6, 25°C

***Coelastrella* sp.**

InaCC Number: InaCC M23

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI11-2-AI025) ← RC. Biotech. LIPI (Delicia Y. Rahman, PL3 B6 a)

Source of sample: Surface of stone

Locality: Lombok, NTB

Cultivation: AF6, pH 6.6, 25°C

***Coelastrella* sp.**

InaCC Number: InaCC M32

History: Depositor ← NBRC (H. Sekiguchi, JSAT11-2-AI042-Neo) ← RC. Biotech. LIPI (Dwi, LIPI11-2-AI042) ← RC. Biotech. LIPI (Delicia, PL3.A4)

Source of sample: Surface of litter

Locality: Lombok, NTB

Cultivation: BG11, pH 7.14, 20°C

***Coelastrella* sp.**

InaCC Number: InaCC M34

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI001) ← RC. Biotech. LIPI (Delicia Y. Rahman, KT06-07a)

Source of sample: Surface of wood

Locality: Berau, Kalimantan

Cultivation: AF6, pH 6.6, 25°C

***Coelastrella* sp.**

InaCC Number: InaCC M40

History: Depositor ← NBRC (H. Sekiguchi, JSAT12-2-AI017-Neo) ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI017) ← RC. Biotech. LIPI (Hani, Point2 WT B)

Source of sample: Water

Locality: Sidoarjo, East Java

Cultivation: AF6, pH 6.6, 20°C

***Coelastrella* sp.**

InaCC Number: InaCC **M58**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI043) ← RC. Biotech. LIPI (Delicia Y. Rahman, KT07-10)

Source of sample: Surface of stone

Locality: Balikpapan, Kalimantan

Cultivation: AF6, pH 6.6, 25°C

***Coelastrella* sp.**

InaCC Number: InaCC **M59**

History: Depositor ← NBRC (H. Sekiguchi, JSAT12-2-AI043-Neo) ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI043) ← RC. Biotech. LIPI (Delicia Y. Rahman, KT07-10)

Source of sample: Surface of stone

Locality: Balikpapan, Kalimantan

Cultivation: AF6, pH 6.6, 20°C

***Coelastrella* sp.**

InaCC Number: InaCC **M88**

History: Depositor ← NBRC (H. Sekiguchi, JSAT13-2-AI073-Neo) ← RC. Biotech. LIPI (Dwi, LIPI13-2-AI073) ← RC. Biotech. LIPI (Hani, WKT 05-10)

Source of sample: Surface of stone

Locality: Sombu, Wangi-Wangi, Southeast Sulawesi

Cultivation: IMK (SW), 20°C

***Coelastrum astroideum***

InaCC Number: InaCC **M68**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI054) ← RC. Biotech. LIPI (Delicia Y. Rahman, KT10-04)

Source of sample: Water

Locality: Balikpapan, Kalimantan

Cultivation: AF6, pH 6.6, 25°C

***Coelastrum astroideum***

InaCC Number: InaCC **M169**

History: InaCC ← RC. Biology. LIPI (Debora, M17-S31)

Source of sample: Water

Locality: Laut Tawar Village, Simeulue Barat, Aceh

Cultivation: AF6, 25°C

***Chroococcus turgidus***

InaCC Number: InaCC **M176**

History: InaCC ← RC. Biology. LIPI (Debora C. Purbani), M17-KR07

Source of sample: Water

Locality: Pongkar Waterfall, Mt. Betina, Riau Islands

Cultivation: AF6, pH 6.6, 25°C

***Crucigenia* sp.**

InaCC Number: InaCC **M33**

History: Depositor ← NBRC (H. Sekiguchi JSAT11-2-AI043-13Fy-Neo) ← RC. Biotech. LIPI (Dwi, LIPI11-2-AI043) ← RC. Biotech. LIPI (Delicia, PL4.B3)

Source of sample: Surface of litter

Locality: Lombok, NTB

Cultivation: BG11, pH 7.14, 20°C

***Cyanidium caldarium***

InaCC Number: InaCC **M51**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI031) ← RC. Biotech. LIPI (Hani Susanti, DMS)

Source of sample: Water

Locality: Subang, West Java

Cultivation: Allens, pH 2.5, 25°C

***Dilabifilum arthropyreniae***

InaCC Number: InaCC **M118**

History: InaCC ← RC. Biology. LIPI (Debora, M16-P30)

Source of sample: Surface of Stone

Locality: Sausapor District, Tamberau

Cultivation: IMK, 25°C

***Ettlia texensis***

InaCC Number: InaCC **M115**

History: InaCC ← RC. Biology. LIPI (Debora, M16-P18)

Source of sample: Surface of Stone  
 Locality: Fef District, Tambrauw  
 Cultivation: AF6, pH 6.6, 25°C

***Ettlia texensis***

InaCC Number: InaCC M127  
 History: InaCC ← RC. Biology. LIPI (Debora, M16-SM13)  
 Source of sample: Sediment  
 Locality: Lake Polobande, NTT  
 Cultivation: AF6, pH 6.6, 25°C

***Ulvophyceae sp.***

***(filamentous-ulvophyte)***

InaCC Number: InaCC M78  
 History: Depositor ← NBRC (H. Sekiguchi, JSAT13-2-AI041-Neo) ← RC. Biotech. LIPI (Dwi, LIPI13-2-AI041) ← RC. Biotech. LIPI (Delicia, WKT 14-09-4.6D)  
 Source of sample: Surface of shell  
 Locality: Wakatobi, Southeast Sulawesi  
 Cultivation: IMK (SW), 20°C

***Follisarcina bertioensis***

InaCC Number: InaCC M134  
 History: InaCC ← RC. Biology. LIPI (Debora, M16-P43)  
 Source of sample: Water and sediment  
 Locality: Sausapor District, Tambrauw  
 Cultivation: AF6, pH 6.6, 25°C

***Halomicronema excentricum***

InaCC Number: InaCC M112  
 History: InaCC ← RC. Biology. LIPI (Debora, M16-P15)  
 Source of sample: Surface of stone  
 Locality: Fef District, Tambrauw  
 Cultivation: AF6, pH 6.6, 25°C

***Lyngbya aestuarii***

InaCC Number: InaCC M178  
 History: InaCC ← RC. Biology. LIPI (Debora C. Purbani), M17-KR11  
 Source of sample: Water

Locality: Pongkar Waterfall, Mt. Betina, Riau Islands  
 Cultivation: AF6, pH 6.6, 25°C

***Lyngbya sp.***

InaCC Number: InaCC M70  
 History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI057) ← RC. Biotech. LIPI (Hani Susanti, LP0301)  
 Source of sample: Water  
 Locality: Sidoarjo, East Java  
 Cultivation: IMK, 25°C

***Lyngbya sp.***

InaCC Number: InaCC M37  
 History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI007) ← RC. Biotech. LIPI (Delicia Y. Rahman, KT10-01a)  
 Source of sample: Surface of wood  
 Locality: Berau, Kalimantan  
 Cultivation: AF6, pH 6.6, 25°C

***Makinoella sp.***

InaCC Number: InaCC M44  
 History: Depositor ← NBRC (H. Sekiguchi, JSAT12-2-AI020-Neo) ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI020) ← RC. Biotech. LIPI (Hani Susanti, WDM ct B)  
 Source of sample: Water  
 Locality: Majalengka, West Java  
 Cultivation: AF6, pH 6.6, 20°C

***Messastrum gracile***

InaCC Number: InaCC M188  
 History: InaCC ← RC. Biology. LIPI (Debora C. Purbani), M18-BR13  
 Source of sample: Biofilm  
 Locality: Borobudur temple, Magelang, Indonesia  
 Cultivation: BG11, pH 7.4, 25°C

***Micractinium belenophorum***

InaCC Number: InaCC M173  
 History: InaCC ← RC. Biology. LIPI (Debora, M15-Eg52)  
 Source of sample: Surface of stone

Locality: Kaana Beach, Enggano

Cultivation: IMK, 25°C

***Micractinium reisseri***

InaCC Number: InaCC M171

History: InaCC ← RC. Biology. LIPI (Debora, M15-Eg49)

Source of sample: Surface of stone

Locality: Pantai Kaana, Enggano

Cultivation: IMK, 25°C

***Micractinium reisseri***

InaCC Number: InaCC M172

History: InaCC ← RC. Biology. LIPI (Debora, M15-Eg50)

Source of sample: Surface of stone

Locality: Kaana Beach, Enggano

Cultivation: IMK, 25°C

***Monoraphidium contortum***

InaCC Number: InaCC M180

History: InaCC ← RC. Biology. LIPI (Debora C. Purbani), M17-KR13

Source of sample: Water

Locality: Pongkar Waterfall, Mt. Betina, Riau Islands

Cultivation: AF6, pH 6.6, 25°C

***Monoraphidium neglectum***

InaCC Number: InaCC M107

History: InaCC ← RC. Biology. LIPI (Debora, M16-P2)

Source of sample: Sediment

Locality: Kebar District, Tambrauw

Cultivation: AF6, pH 6.6, 25°C

***Monoraphidium sp.***

InaCC Number: InaCC M8

History: Depositor ← NBRC (H. Sekiguchi, JSAT11-2-AL010-Neo) ← RC. Biotech. LIPI (Dwi, LIPI11-2-AL010) ← RC. Biotech. LIPI (Delicia Y. Rahman, PL3 A1/R)

Source of sample: Surface of driftwood

Locality: Pekanbaru, Riau

Cultivation: AF6, pH 6.6, 25°C

***Monoraphidium sp.***

InaCC Number: InaCC M13

History: Depositor ← NBRC (H. Sekiguchi, JSAT11-2-AL015-Neo) ← RC. Biotech. LIPI (Dwi, LIPI11-2-AL015) ← RC. Biotech. LIPI (Delicia Y. Rahman, 2D5)

Source of sample: Surface of sediment

Locality: Lombok, NTB

Cultivation: AF6, pH 6.6, 25°C

***Monoraphidium sp.***

InaCC Number: InaCC M30

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI11-2-AL035) ← RC. Biotech. LIPI (Delicia Y. Rahman, PL4 D4)

Source of sample: Water

Locality: Lombok, NTB

Cultivation: AF6, pH 6.6, 25°C

***Monoraphidium sp.***

InaCC Number: InaCC M29

History: Depositor ← NBRC (H. Sekiguchi, JSAT11-2-AL033-Neo) ← RC. Biotech. LIPI (Dwi, LIPI11-2-AL033) ← RC. Biotech. LIPI (Hani, PL2.C5)

Source of sample: Surface of litter

Locality: Giak Siam Kecil, Riau

Cultivation: AF6, pH 6.6, 20°C

***Monoraphidium sp.***

InaCC Number: InaCC M25

History: Depositor ← NBRC (H. Sekiguchi, JSAT11-2-AL027-Neo) ← RC. Biotech. LIPI (Dwi, LIPI11-2-AL027) ← RC. Biotech. LIPI (Hani Susanti, PL1 A4)

Source of sample: Surface of wood

Locality: Giak Siam Kecil, Riau

Cultivation: AF6, pH 6.6, 20°C

***Neochloris sp.***

InaCC Number: InaCC M55

History: Depositor ← NBRC (H. Sekiguchi, JSAT12-2-AL036-Neo) ← RC. Biotech. LIPI (Dwi, LIPI12-2-AL036) ← RC. Biotech. LIPI (Hani, WDM Kons A)

Source of sample: Water  
 Locality: Darma Dam, East Java  
 Cultivation: AF6, pH 6.6, 20°C

***Nostoc* sp.**

InaCC Number: InaCC **M6**  
 History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI11-2-AI008) ← RC. Biotech. LIPI (Delicia Y. Rahman, PL4 C2.1)  
 Source of sample: Surface of boat  
 Locality: Lombok, NTB  
 Cultivation: AF6, pH 6.6, 25°C

***Nostoc* sp.**

InaCC Number: InaCC **M174**  
 History: InaCC ← RC. Biology. LIPI (Debora, M17-KR01)  
 Source of sample: Water  
 Locality: Pongkar Waterfall, Mt. Betina, Riau Islands  
 Cultivation: AF6, pH 6.6, 25°C

***Oocystis heteromucosa***

InaCC Number: InaCC **M110**  
 History: InaCC ← RC. Biology. LIPI (Debora, M16-P7)  
 Source of sample: Surface of stone  
 Locality: Miyah District, Tambrauw  
 Cultivation: AF6, pH 6.6, 25°C

***Oocystis heteromucosa***

InaCC Number: InaCC **M114**  
 History: InaCC ← RC. Biology. LIPI (Debora, M16-P17)  
 Source of sample: Surface of Stone  
 Locality: Fef District, Tambrauw  
 Cultivation: AF6, pH 6.6, 25°C

***Oocystis heteromucosa***

InaCC Number: InaCC **M116**  
 History: InaCC ← RC. Biology. LIPI (Debora, M16-P20)  
 Source of sample: Surface of stone

Locality: Fef District, Tambrauw  
 Cultivation: AF6, pH 6.6, 25°C

***Oocystis heteromucosa***

InaCC Number: InaCC **M117**  
 History: InaCC ← RC. Biology. LIPI (Debora, M16-P21)  
 Source of sample: Water  
 Locality: Fef District, Tambrauw  
 Cultivation: AF6, pH 6.6, 25°C

***Oocystis heteromucosa***

InaCC Number: InaCC **M129**  
 History: InaCC ← RC. Biology. LIPI (Debora, M16-SM18)  
 Source of sample: Water  
 Locality: Kapungbung Cave, NTT  
 Cultivation: AF6, pH 6.6, 25°C

***Oocystis heteromucosa***

InaCC Number: InaCC **M158**  
 History: InaCC ← RC. Biology. LIPI (Debora, M17-S14)  
 Source of sample: Water  
 Locality: Kuala Makmur, Simeuleu, Aceh  
 Cultivation: AF6, 25°C

***Oocystis heteromucosa***

InaCC Number: InaCC **M168**  
 History: InaCC ← RC. Biology. LIPI (Debora, M17-S29)  
 Source of sample: Water  
 Locality: Laut Tawar Village, Simeulue Barat, Aceh  
 Cultivation: AF6, 25°C

***Oocystis* sp.**

InaCC Number: InaCC **M65**  
 History: Depositor ← NBRC (H. Sekiguchi, JSAT12-2-AI051-Neo) ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI051) ← RC. Biotech. LIPI (Delicia, LB02-09)  
 Source of sample: Water  
 Locality: Sendang Gile, Lombok, NTB  
 Cultivation: AF6, pH 6.6, 20°C

***Oocystis* sp.**

InaCC Number: InaCC M72

History: Depositor ← NBRC (H. Sekiguchi, JSAT13-2-AI003-Neo) ← RC. Biotech. LIPI (Dwi, LIPI13-2-AI003) ← RC. Biotech. LIPI (Delicia, Lb. Anai-1.2A)

Source of sample: Sediment

Locality: Anai Valley, Bukittinggi, West Sumatra

Cultivation: AF6, pH 6.6, 20°C

***Oocystis* sp.**

InaCC Number: InaCC M50

History: Depositor ← NBRC (H. Sekiguchi, JSAT12-2-AI030-Neo) ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI030) ← RC. Biotech. LIPI (Hani, KT10-04a)

Source of sample: Water

Locality: Mahakam River, East Kalimantan

Cultivation: AF6, pH 6.6, 20°C

***Oocystis* sp.**

InaCC Number: InaCC M64

History: Depositor ← NBRC (H. Sekiguchi, JSAT12-2-AI050-Neo) ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI050) ← RC. Biotech. LIPI (Delicia, LB02-04)

Source of sample: Surface of stone

Locality: Sendang Gile, Lombok, NTB

Cultivation: AF6, pH 6.6, 20°C

***Oocystis* sp.**

InaCC Number: InaCC M83

History: Depositor ← NBRC (H. Sekiguchi, JSAT13-2-AI055-Neo) ← RC. Biotech. LIPI (Dwi, LIPI13-2-AI055) ← RC. Biotech. LIPI (Hani Susanti, WK 01-07a)

Source of sample: Surface of stone

Locality: Wakatobi, Southeast Sulawesi

Cultivation: IMK (SW), 20°C

***Oscillatoria* sp.**

InaCC Number: InaCC M1

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI11-2-AI001) ← RC. Biotech. LIPI (Delicia Y. Rahman, PL4 D4)

Source of sample: Water

Locality: Lombok, NTB

Cultivation: AF6, pH 6.6, 25°C

***Oscillatoria* sp.**

InaCC Number: InaCC M86

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI13-2-AI065) ← RC. Biotech. LIPI (Hani Susanti, WKT03-11)

Source of sample: Associate with macroalgae

Locality: Wakatobi, Southeast Sulawesi

Cultivation: IMK, 25°C

***Oscillatoria* sp.**

InaCC Number: InaCC M84

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI13-2-AI058) ← RC. Biotech. LIPI (Hani Susanti, WKT04-05)

Source of sample: Associate with macroalgae

Locality: Wakatobi, Southeast Sulawesi

Cultivation: IMK, 25°C

***Oscillatoria* sp.**

InaCC Number: InaCC M80

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI13-2-AI045) ← RC. Biotech. LIPI (Hani Susanti, KSJ 03-01b)

Source of sample: Water

Locality: Jakarta

Cultivation: IMK, 25°C

***Oxynema thaianum***

InaCC Number: InaCC M144

History: InaCC ← RC. Biology. LIPI (Debora, M15-Eg22)

Source of sample: Sediment

Locality: Banjarsari, Enggano

Cultivation: IMK, 25°C

***Picochlorum* sp.**

InaCC Number: InaCC M49

History: Depositor ← NBRC (H. Sekiguchi, JSAT12-2-AI029-Neo) ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI029) ← RC. Biotech. LIPI (Hani, KT04-07)

Source of sample: Water  
 Locality: Lake Maratua, East Kalimantan  
 Cultivation: IMK (SW), 20°C

***Planophila laetevirens***

InaCC Number: InaCC M130  
 History: InaCC ← RC. Biology. LIPI (Debora, M16-SM22)  
 Source of sample: Water and Sediment  
 Locality: Waymuru Waterfall, NTT  
 Cultivation: AF6, pH 6.6, 25°C

***Planophila laetevirens***

InaCC Number: InaCC M145  
 History: InaCC ← RC. Biology. LIPI (Debora, M15-Eg23)  
 Source of sample: Surface of stone  
 Locality: Kaana Beach, Enggano  
 Cultivation: IMK, 25°C

***Planophila laetevirens***

InaCC Number: InaCC M157  
 History: InaCC ← RC. Biology. LIPI (Debora, M17-S13)  
 Source of sample: Water  
 Locality: Kuala Makmur, Simeuleu, Aceh  
 Cultivation: AF6, 25°C

***Prototheca stagnora***

InaCC Number: InaCC M94  
 History: InaCC ← LIPI (A. Kanti) & NBRC (A. Yamazaki), JSAT12-2-Y033←NBRC (A. Yamazaki) & LIPI (A. Kanti), KBS01-S01-11  
 Source of sample: Soil  
 Locality: Wain River, Balikpapan, East Kalimantan  
 Cultivation: YM agar, pH 5.6, 25°C

***Prototheca stagnora***

InaCC Number: InaCC M95  
 History: InaCC ← LIPI (A. Kanti) & NBRC (A. Yamazaki), JSAT12-2-Y034 ← NBRC (A. Yamazaki) & LIPI (A. Kanti), KBS01-S01-12

Source of sample: Soil  
 Locality: Wain River, Balikpapan, East Kalimantan  
 Cultivation: YM agar, pH 5.6, 25°C

***Prototheca stagnora***

InaCC Number: InaCC M96  
 History: InaCC← LIPI (A. Kanti) & NBRC (A. Yamazaki), JSAT12-2-Y039←NBRC (A. Yamazaki) & LIPI (A. Kanti), KBS01-S02-1  
 Source of sample: Soil  
 Locality: Wain River, Balikpapan, East Kalimantan  
 Cultivation: YM agar, pH 5.6, 25°C

***Prototheca stagnora***

InaCC Number: InaCC M97  
 History: InaCC ← LIPI (A. Kanti) & NBRC (A. Yamazaki), JSAT12-2-Y040 ← NBRC (A. Yamazaki) & LIPI (A. Kanti), KBS01-S02-2  
 Source of sample: Soil  
 Locality: Wain River, Balikpapan, East Kalimantan  
 Cultivation: YM agar, pH 5.6, 25°C

***Prototheca stagnora***

InaCC Number: InaCC M98  
 History: InaCC ← LIPI (A. Kanti) & NBRC (A. Yamazaki), JSAT12-2-Y041 ← NBRC (A. Yamazaki) & LIPI (A. Kanti), KBS01-S02-3  
 Source of sample: Soil  
 Locality: Wain River, Balikpapan, East Kalimantan  
 Cultivation: YM agar, pH 5.6, 25°C

***Prototheca stagnora***

InaCC Number: InaCC M93  
 History: InaCC ← LIPI (A. Kanti) & NBRC (A. Yamazaki), JSAT12-2-Y027 ← NBRC (A. Yamazaki) & LIPI (A. Kanti), KBS01-S01-5  
 Source of sample: Soil  
 Locality: Wain River, Balikpapan, East Kalimantan  
 Cultivation: YM agar, pH 5.6, 25°C



***Prototheca stagnora***InaCC Number: InaCC **M100**

History: InaCC ← LIPI (A. Kanti) &amp; NBRC (A. Yamazaki), JSAT12-2-Y042-2 ← NBRC (A. Yamazaki) &amp; LIPI (A. Kanti), KBS01-S02-4

Source of sample: Soil

Locality: Wain River, Balikpapan, East Kalimantan

Cultivation: YM agar, pH 5.6, 25°C

***Prototheca stagnora***InaCC Number: InaCC **M91**

History: InaCC ← LIPI (A. Kanti) &amp; NBRC (A. Yamazaki), JSAT12-2-Y024 ← NBRC (A. Yamazaki) &amp; LIPI (A. Kanti), KBS01-S01-2

Source of sample: Soil

Locality: Wain River, Balikpapan, East Kalimantan

Cultivation: YM agar, pH 5.6, 25°C

***Prototheca stagnora***InaCC Number: InaCC **M101**

History: InaCC ← LIPI (A. Kanti) &amp; NBRC (A. Yamazaki), JSAT12-2-Y043 ← NBRC (A. Yamazaki) &amp; LIPI (A. Kanti), KBS01-S02-5

Source of sample: Soil

Locality: Wain River, Balikpapan, East Kalimantan

Cultivation: YM agar, pH 5.6, 25°C

***Prototheca stagnora***InaCC Number: InaCC **M102**

History: InaCC ← LIPI (A. Kanti) &amp; NBRC (A. Yamazaki), JSAT12-2-Y044 ← NBRC (A. Yamazaki) &amp; LIPI (A. Kanti), KBS01-S02-6

Source of sample: Soil

Locality: Wain River, Balikpapan, East Kalimantan

Cultivation: YM agar, pH 5.6, 25°C

***Prototheca stagnora***InaCC Number: InaCC **M103**

History: InaCC ← LIPI (A. Kanti) &amp; NBRC (A. Yamazaki), JSAT12-2-Y045 ← NBRC (A. Yamazaki) &amp; LIPI (A. Kanti), KBS01-S02-7

Source of sample: Soil

Locality: Wain River, Balikpapan, East Kalimantan

Cultivation: YM agar, pH 5.6, 25°C

***Prototheca stagnora***InaCC Number: InaCC **M104**

History: InaCC ← LIPI (A. Kanti) &amp; NBRC (A. Yamazaki), JSAT12-2-Y046 ← NBRC (A. Yamazaki) &amp; LIPI (A. Kanti), KBS01-S02-8

Source of sample: Soil

Locality: Wain River, Balikpapan, East Kalimantan

Cultivation: YM agar, pH 5.6, 25°C

***Prototheca stagnora***InaCC Number: InaCC **M105**

History: InaCC ← LIPI (A. Kanti) &amp; NBRC (A. Yamazaki), JSAT12-2-Y047-1 ← NBRC (A. Yamazaki) &amp; LIPI (A. Kanti), KBS01-S02-9

Source of sample: Soil

Locality: Wain River, Balikpapan, East Kalimantan

Cultivation: YM agar, pH 5.6, 25°C

***Prototheca stagnora***InaCC Number: InaCC **M99**

History: InaCC ← LIPI (A. Kanti) &amp; NBRC (A. Yamazaki), JSAT12-2-Y042-1 ← NBRC (A. Yamazaki) &amp; LIPI (A. Kanti), KBS01-S02-4

Source of sample: Soil

Locality: Wain River, Balikpapan, East Kalimantan

Cultivation: YM agar, pH 5.6, 25°C

***Prototheca stagnora***InaCC Number: InaCC **M92**

History: InaCC ← LIPI (A. Kanti) &amp; NBRC (A. Yamazaki), JSAT12-2-Y025 ← NBRC (A. Yamazaki) &amp; LIPI (A. Kanti), KBS01-S01-3

Source of sample: Soil

Locality: Wain River, Balikpapan, East Kalimantan

Cultivation: YM agar, pH 5.6, 25°C

***Prototheca stagnora***InaCC Number: InaCC **M90**

History: InaCC ← LIPI (A. Kanti) &amp; NBRC (A. Yamazaki), JSAT12-2-Y015 ← NBRC (A. Yamazaki) &amp; LIPI (A. Kanti), KB03-S01-2

Source of sample: Soil

Locality: Wain River, Balikpapan, East Kalimantan

Cultivation: YM agar, pH 5.6, 25°C

***Pseudodoclonium arthropyreniae***InaCC Number: InaCC **M186**

History: InaCC ← RC. Biology. LIPI (Debora C. Purbani), M18-BR5

Source of sample: Biofilm

Locality: Borobudur temple, Magelang, Indonesia

Cultivation: BG11, pH 7.4, 25°C

***Pseudomuriella aurantiaca***InaCC Number: InaCC **M111**

History: InaCC ← RC. Biology. LIPI (Debora, M16-P8)

Source of sample: Water

Locality: Miyah District, Tambrauw

Cultivation: AF6, pH 6.6, 25°C

***Pseudomuriella aurantiaca***InaCC Number: InaCC **M109**

History: InaCC ← RC. Biology. LIPI (Debora, M16-P6)

Source of sample: Surface of stone

Locality: Miyah District, Tambrauw

Cultivation: AF6, pH 6.6, 25°C

***Scenedesmus acuminatus***InaCC Number: InaCC **M164**

History: InaCC ← RC. Biology. LIPI (Debora, M17-S23)

Source of sample: Water

Locality: Laut Tawar Village, Simeulue Barat, Aceh

Cultivation: AF6, 25°C

***Scenedesmus acuminatus***InaCC Number: InaCC **M190**

History: InaCC ← RC. Biology. LIPI (Debora C. Purbani), M18-BR20

Source of sample: Biofilm

Locality: Borobudur Temple, Magelang, Indonesia

Cultivation: BG11, pH 7.4, 25°C

***Scenedesmus bijugus***InaCC Number: InaCC **M162**

History: InaCC ← RC. Biology. LIPI (Debora, M17-S21)

Source of sample: Water

Locality: Langi Village, Alafan, Simeulue, Aceh

Cultivation: AF6, 25°C

***Scenedesmus sp.***InaCC Number: InaCC **M61**

History: Depositor ← NBRC (H. Sekiguchi, JSAT12-2-Al044-Neo) ← RC. Biotech. LIPI (Dwi, LIPI12-2-Al044) ← RC. Biotech. LIPI (Delicia Y. Rahman, KT07-11)

Source of sample: Surface of stone

Locality: Balikpapan, Kalimantan

Cultivation: AF6, pH 6.6, 20°C

***Scenedesmus sp.***InaCC Number: InaCC **M42**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI12-2-Al019) ← RC. Biotech. LIPI (Hani Susanti, WDM ct A)

Source of sample: Surface of stone

Locality: Majalengka, West Java

Cultivation: AF6, pH 6.6, 25°C

***Scenedesmus sp.***InaCC Number: InaCC **M19**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI11-2-Al019) ← RC. Biotech. LIPI (Delicia Y. Rahman, PL4 C2.3)

Source of sample: Surface of boat

Locality: Lombok, NTB

Cultivation: AF6, pH 6.6, 25°C

***Scenedesmus* sp.**

InaCC Number: InaCC **M60**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI044) ← RC. Biotech. LIPI (Delicia Y. Rahman, KT07-11)

Source of sample: Surface of stone

Locality: Balikpapan, East Kalimantan

Cultivation: AF6, pH 6.6, 25°C

***Scenedesmus* sp.**

InaCC Number: InaCC **M31**

History: Depositor ← NBRC (H. Sekiguchi, JSAT11-2-AI035-Neo) ← RC. Biotech. LIPI (Dwi, LIPI11-2-AL035) ← RC. Biotech. LIPI (Delicia Y. Rahman, Pl4 D4)

Source of sample: Water

Locality: Lombok, NTB

Cultivation: AF6, pH 6.6, 20°C

***Scenedesmus* sp.**

InaCC Number: InaCC **M73**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI13-2-AI007) ← RC. Biotech. LIPI (Delicia Y. Rahman, SBY3-13A)

Source of sample: Water and sediment

Locality: Surabaya, East Java

Cultivation: AF6, pH 6.6, 25°C

***Scenedesmus vacuolatus***

InaCC Number: InaCC **M122**

History: InaCC ← RC. Biology. LIPI (Debora, M16-SM1)

Source of sample: Water

Locality: Ramuk River, NTT

Cultivation: AF6, pH 6.6, 25°C

***Scenedesmus vacuolatus***

InaCC Number: InaCC **M123**

History: InaCC ← RC. Biology. LIPI (Debora, M16-SM2)

Source of sample: Water

Locality: Ramuk River, NTT

Cultivation: AF6, pH 6.6, 25°C

***Scenedesmus vacuolatus***

InaCC Number: InaCC **M131**

History: InaCC ← RC. Biology. LIPI (Debora, M16-P9)

Source of sample: Water

Locality: Miyah District, Tandrauw

Cultivation: AF6, 25°C

***Stichococcus bacillaris***

InaCC Number: InaCC **M183**

History: InaCC ← RC. Biology. LIPI (Debora C. Purbani), M17-KR18

Source of sample: Water

Locality: Pongkar Waterfall, Mt. Betina, Riau Islands

Cultivation: AF6, pH 6.6, 25°C

***Stichococcus bacillaris***

InaCC Number: InaCC **M155**

History: InaCC ← RC. Biology. LIPI (Debora, M17-S11)

Source of sample: Water

Locality: Kuala Makmur, Simeuleu, Aceh

Cultivation: AF6, 25°C

***Stichococcus* sp.**

InaCC Number: InaCC **M75**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI13-2-AI013) ← RC. Biotech. LIPI (Delicia Y. Rahman, WKT07-02)

Source of sample: Surface of mangrove

Locality: Wakatobi, Southeast Sulawesi

Cultivation: AF6, pH 6.6, 25°C

***Stigeoclonium aestivale***

InaCC Number: InaCC **M189**

History: InaCC ← RC. Biology. LIPI (Debora C. Purbani), M18-BR16

Source of sample: Biofilm

Locality: Borobudur Temple, Magelang, Indonesia

Cultivation: BG11, pH 7.4, 25°C

***Stigeoclonium* sp.**InaCC Number: InaCC **M69**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI055) ← RC. Biotech. LIPI (Delicia Y. Rahman, LB03-08)

Source of sample: Surface of stone

Locality: Lombok, NTB

Cultivation: AF6, pH 6.6, 25°C

***Stigeoclonium* sp.**InaCC Number: InaCC **M63**

History: Depositor ← NBRC (H. Sekiguchi, JSAT12-2-AI049-Neo) ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI049) ← RC. Biotech. LIPI (Delicia Y. Rahman, LB0204)

Source of sample: Surface of stone

Locality: Lombok, NTB

Cultivation: AF6, pH 6.6, 20°C

***Stigeoclonium* sp.**InaCC Number: InaCC **M76**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI13-2-AI017) ← RC. Biotech. LIPI (Delicia Y. Rahman, WKT07-01-3.7F)

Source of sample: Water

Locality: Wakatobi, Southeast Sulawesi

Cultivation: IMK, 25°C

***Stigeoclonium* sp.**InaCC Number: InaCC **M62**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI049) ← RC. Biotech. LIPI (Delicia Y. Rahman, LB0204)

Source of sample: Surface of stone

Locality: Lombok, NTB

Cultivation: AF6, pH 6.6, 25°C

***Stigeoclonium tenue***InaCC Number: InaCC **M161**

History: InaCC ← RC. Biology. LIPI (Debora, M17-S17)

Source of sample: Water

Locality: Langi Village, Alafan, Simeulue, Aceh

Cultivation: AF6, 25°C

***Synechococcus* sp.**InaCC Number: InaCC **M79**

History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI13-2-AI043) ← RC. Biotech. LIPI (Hani Susanti, KSJ02-01)

Source of sample: Water

Locality: Pari Island, Jakarta

Cultivation: IMK, 25°C

***Tetraselmis cordioformis***InaCC Number: InaCC **M177**

History: InaCC ← RC. Biology. LIPI (Debora C. Purbani), M17-KR10

Source of sample: Water

Locality: Pongkar Waterfall, Mt. Betina, Riau Islands

Cultivation: AF6, pH 6.6, 25°C

***Tetraselmis cordiformis***InaCC Number: InaCC **M185**

History: InaCC ← RC. Biology. LIPI (Debora C. Purbani), M18-BR2

Source of sample: Biofilm

Locality: Borobudur Temple, Magelang, Indonesia

Cultivation: BG11, pH 7.4, 25°C

***Tetraselmis* sp.**InaCC Number: InaCC **M48**

History: Depositor ← NBRC (H. Sekiguchi, JSAT12-2-AI026-Neo) ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI026) ← RC. Biotech. LIPI (Hani Susanti, IDM ct D)

Source of sample: Water

Locality: Indramayu, West Java

Cultivation: IMK (SW), 20°C

***Tetraselmis* sp.**InaCC Number: InaCC **M46**

History: Depositor ← NBRC (H. Sekiguchi, JSAT12-2-AI024-Neo) ← RC. Biotech. LIPI (Dwi, LIPI12-2-AI024) ← RC. Biotech. LIPI (Hani Susanti, IDM ct B)

Source of sample: Water

Locality: Indramayu, West Java  
Cultivation: IMK (SW), 20°C

***Tetraselmis sp.***

InaCC Number: InaCC **M45**  
History: Depositor ← RC. Biotech. LIPI (Dwi, LIPI12-2-A1024) ← RC. Biotech. LIPI (Hani Susanti, IDM ct B)  
Source of sample: Water  
Locality: Indramayu, West Java  
Cultivation: IMK, 25°C

***Trichosarcina polymorpha***

InaCC Number: InaCC **M120**  
History: InaCC ← RC. Biology. LIPI (Debora, M16-P39)  
Source of sample: Associate with macroalgae

Locality: Sausapor District, Tambrauw  
Cultivation: IMK, 25°C

***Trichosarcina polymorpha***

InaCC Number: InaCC **M142**  
History: InaCC ← RC. Biology. LIPI (Debora, M15-Eg16)  
Source of sample: Surface of stone  
Locality: Malakoni Beach, Enggano  
Cultivation: IMK, 25°C

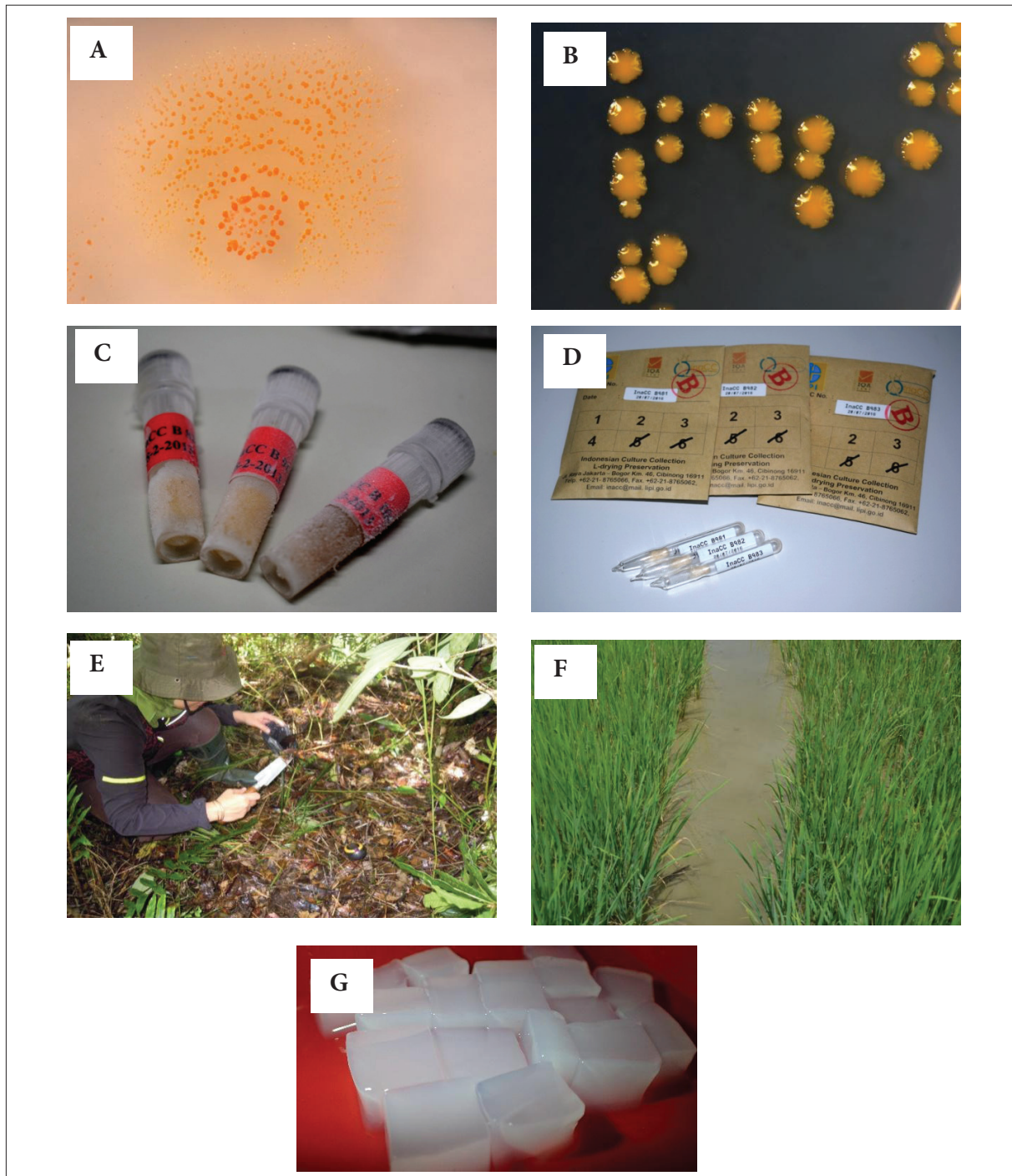
***Trichosarcina polymorpha***

InaCC Number: InaCC **M143**  
History: InaCC ← RC. Biology. LIPI (Debora, M15-Eg17)  
Source of sample: Surface of stone  
Locality: Malakoni Beach, Enggano  
Cultivation: IMK, 25°C

## BACTERIA

Bacteria are the most well-known group of prokaryotic microorganisms. Unlike eukaryotic microorganisms, their cells lack membrane-bound nuclei and organelles. Most bacteria cells are between 1-10  $\mu\text{m}$  in size and either rod (bacillus), spherical (coccus), or spiral (spirillum) in shape. They may occur either in single, pairs, chains, or clusters form. The identification of bacteria is based on their physiological, morphological, and molecular properties. Bacteria can be distinguished from other bacteria simply using Gram-staining procedure, which differentiates Gram-positive and Gram-negative bacteria based on their cell wall constituents. However, the most accurate method to determine the bacteria is molecular identification based on 16S rRNA gene analysis supported with nucleotide sequencing technology.

Bacteria can be found everywhere. They can be found in natural materials, such as soil, water, inside the human gut, and even in unusual habitats, such as boiling hot spring and glacial ice. Although some bacteria are disease causative agents, most bacteria have no harmful effect on humans. Some of the beneficial uses of bacteria are producing valuable human products (dairy foods), generating energy, and cleaning up the environment. About 1,254 bacterial isolates already have been collected in InaCC. They were isolated from several habitats in Indonesia, including soil, rhizosphere, plant organs, paddy field, fermented food, and animal gut. A large number of bacterial collections are Proteobacteria and Firmicutes (excluding Actinobacteria).



Note:

(A) InaCC Bacteria collections *Myxococcus fulvus* InaCC B1220

(B) InaCC Bacteria collections *Caulobacter flavus* InaCC B1215

(C) Preservation of InaCC Bacteria collection by freezing method

(D) Preservation of InaCC Bacteria collection by L-drying method

Sampel source location for isolating bacteria

(E) Soil and leaf litter

(F) Soil and water from paddy soil

(G) Nata de coco produced by *Acetobacter xylinum* Syn: *Gluconacetobacter xylinus* Other Syn: *Komagateibacter xylinus*

Source: Bacteria Laboratory, InaCC; (A), (B) 2018; (C), (G) 2014; (D), (E), (F) 2009

**Figure 1.4** Diversity of Bacteria Collected in InaCC

## LIST OF BACTERIA

### *Acetobacter ghanensis*

InaCC Number: InaCC **B385**  
 History: InaCC B385 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), IDI-A022  
 Source of sample: Cacao fermentation  
 Locality: PTPN XII, Jember  
 Cultivation: GYP, pH 6, 30°C

### *Acetobacter ghanensis*

InaCC Number: InaCC **B386**  
 History: InaCC B386 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), IDI-A023  
 Source of sample: Cacao fermentation  
 Locality: PTPN XII, Jember  
 Cultivation: GYP, pH 6, 30°C

### *Acetobacter ghanensis*

InaCC Number: InaCC **B387**  
 History: InaCC B387 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), IDI-A025  
 Source of sample: Cacao fermentation  
 Locality: PTPN XII, Jember  
 Cultivation: GYP, pH 6, 30°C

### *Acetobacter ghanensis*

InaCC Number: InaCC **B388**  
 History: InaCC B388 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), IDI-A027  
 Source of sample: Cacao fermentation  
 Locality: PTPN XII, Jember  
 Cultivation: GYP, pH 6, 30°C

### *Acetobacter ghanensis*

InaCC Number: InaCC **B412**  
 History: InaCC B412 ← Univ. Mataram (Sarkono) ← Univ. Mataram (Sarkono), JER3  
 Source of sample: orange  
 Locality: Yogyakarta, Indonesia  
 Cultivation: HS, pH 5, 30°C

### *Acetobacter orientalis*

InaCC Number: InaCC **B373**  
 History: InaCC B373 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDI-A001  
 Source of sample: Cacao fermentation  
 Locality: PTPN XII, Jember  
 Cultivation: GYP, pH 6, 30°C

### *Acetobacter pasteurianus*

InaCC Number: InaCC **B375**  
 History: InaCC B375 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDI-A003  
 Source of sample: Cacao fermentation  
 Locality: PTPN XII, Jember  
 Cultivation: GYP, pH 6, 30°C

### *Acetobacter pasteurianus*

InaCC Number: InaCC **B376**  
 History: InaCC B376 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDI-A004  
 Source of sample: Cacao fermentation  
 Locality: PTPN XII, Jember  
 Cultivation: GYP, pH 6, 30°C



***Acetobacter pasteurianus***

InaCC Number: InaCC B377

History: InaCC B377 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDI-A005

Source of sample: Cacao fermentation

Locality: PTPN XII, Jember

Cultivation: GYP, pH 6, 30°C

***Acetobacter pasteurianus***

InaCC Number: InaCC B378

History: InaCC B378 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDI-A006

Source of sample: Cacao fermentation

Locality: PTPN XII, Jember

Cultivation: GYP, pH 6, 30°C

***Acetobacter pasteurianus***

InaCC Number: InaCC B379

History: InaCC B379 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDI-A007

Source of sample: Cacao fermentation

Locality: PTPN XII, Jember

Cultivation: GYP, pH 6, 30°C

***Acetobacter pasteurianus***

InaCC Number: InaCC B380

History: InaCC B380 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDI-A008

Source of sample: Cacao fermentation

Locality: PTPN XII, Jember

Cultivation: GYP, pH 6, 30°C

***Acetobacter pasteurianus***

InaCC Number: InaCC B381

History: InaCC B381 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), IDI-A017

Source of sample: Cacao fermentation

Locality: PTPN XII, Jember

Cultivation: GYP, pH 6, 30°C

***Acetobacter pasteurianus***

InaCC Number: InaCC B383

History: InaCC B383 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), IDI-A019

Source of sample: Cacao fermentation

Locality: PTPN XII, Jember

Cultivation: GYP, pH 6, 30°C

***Acetobacter pasteurianus***

InaCC Number: InaCC B389

History: InaCC B389 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), IDI-A029

Source of sample: Cacao fermentation

Locality: PTPN XII, Jember

Cultivation: GYP, pH 6, 30°C

***Acetobacter pasteurianus***

InaCC Number: InaCC B395

History: InaCC B395 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDE-A005

Source of sample: Cacao fermentation

Locality: Mocache

Cultivation: GYP, pH 6, 30°C

***Acetobacter pasteurianus***

InaCC Number: InaCC B396

History: InaCC B396 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDE-A008

Source of sample: Cacao fermentation

Locality: Mocache

Cultivation: GYP, pH 6, 30°C

***Acetobacter pasteurianus***

InaCC Number: InaCC B397

History: InaCC B397 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDE-A012

Source of sample: Cacao fermentation

Locality: Mocache

Cultivation: GYP, pH 6, 30°C

***Acetobacter pasteurianus***

InaCC Number: InaCC B400

History: InaCC B400 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDE-A018

Source of sample: Cacao fermentation

Locality: Santo Domingo

Cultivation: GYP, pH 6, 30°C

***Acetobacter pasteurianus***InaCC Number: InaCC **B401**

History: InaCC B401 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDE-A022

Source of sample: Cacao fermentation

Locality: Santo Domingo

Cultivation: GYP, pH 6, 30°C

***Acetobacter pasteurianus***InaCC Number: InaCC **B418**

History: InaCC B418 ← Univ. Mataram (Sarkono) ← Univ. Mataram (Sarkono), NAN10

Source of sample: Pineapple

Locality: Yogyakarta, Indonesia

Cultivation: HS, pH 5, 30°C

***Acetobacter pasteurianus***InaCC Number: InaCC **B419**

History: InaCC B419 ← Univ. Mataram (Sarkono) ← Univ. Mataram (Sarkono), NAN21

Source of sample: Pineapple

Locality: Yogyakarta, Indonesia

Cultivation: HS, pH 5, 30°C

***Acetobacter pasteurianus***InaCC Number: InaCC **B429**

History: InaCC B429 ← Univ. Mataram (Sarkono) ← Univ. Mataram (Sarkono), SAL153

Source of sample: Bark

Locality: Yogyakarta, Indonesia

Cultivation: HS, pH 5, 30°C

***Acetobacter pomorum***InaCC Number: InaCC **B382**

History: InaCC B382 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), IDI-A018

Source of sample: Cacao fermentation

Locality: PTPN XII, Jember

Cultivation: GYP, pH 6, 30°C

***Acetobacter pomorum***InaCC Number: InaCC **B384**

History: InaCC B384 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), IDI-A020

Source of sample: Cacao fermentation

Locality: PTPN XII, Jember

Cultivation: GYP, pH 6, 30°C

***Acetobacter pomorum***InaCC Number: InaCC **B390**

History: InaCC B390 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), IDI-A030

Source of sample: Cacao fermentation

Locality: PTPN XII, Jember

Cultivation: GYP, pH 6, 30°C

***Acetobacter pomorum***InaCC Number: InaCC **B391**

History: InaCC B391 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), IDI-A032

Source of sample: Cacao fermentation

Locality: PTPN XII, Jember

Cultivation: GYP, pH 6, 30°C

***Acetobacter pomorum***InaCC Number: InaCC **B392**

History: InaCC B392 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), IDI-A033

Source of sample: Cacao fermentation

Locality: PTPN XII, Jember

Cultivation: GYP, pH 6, 30°C

***Acetobacter pomorum***InaCC Number: InaCC **B393**

History: InaCC B393 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), IDI-A034

Source of sample: Cacao fermentation

Locality: PTPN XII, Jember

Cultivation: GYP, pH 6, 30°C

***Acetobacter pomorum***InaCC Number: InaCC **B394**

History: InaCC B394 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), IDI-A035

Source of sample: Cacao fermentation

Locality: PTPN XII, Jember

Cultivation: GYP, pH 6, 30°C

***Acetobacter* sp.**InaCC Number: InaCC **B409**

History: InaCC B409 ← Univ. Mataram (Sarkono) ← Univ. Mataram (Sarkono), GDN134

Source of sample: Inoculum of nata de coco

Locality: Sleman, Indonesia

Cultivation: HS, pH 5, 30°C

***Acetobacter* sp.**InaCC Number: InaCC **B410**

History: InaCC B410 ← Univ. Mataram (Sarkono) ← Univ. Mataram (Sarkono), JAM39

Source of sample: Bark

Locality: Yogyakarta, Indonesia

Cultivation: HS, pH 5, 30°C

***Acetobacter* sp.**InaCC Number: InaCC **B1427**

History: InaCC B1427 ← LIPI (Puspita Lisdiyanti, LB\_36)

Source of sample: Coffee exocarp + mesocarp

Locality: Wonosobo, Central Java, Indonesia

Cultivation: pH 5.5-5.9, 30°C

***Acetobacter* sp.**InaCC Number: InaCC **B1428**

History: InaCC B1428 ← LIPI (Puspita Lisdiyanti, LB\_19)

Source of sample: Coffee exocarp + mesocarp

Locality: Dampit, Malang, Indonesia

Cultivation: pH 5.5-5.9, 30°C

***Acetobacter* sp.**InaCC Number: InaCC **B1429**

History: InaCC B1429 ← LIPI (Puspita Lisdiyanti, LB\_33)

Source of sample: Coffee exocarp + mesocarp

Locality: Wonosobo, Central Java, Indonesia

Cultivation: pH 5.5-5.9, 30°C

***Acetobacter* sp.**InaCC Number: InaCC **B1430**

History: InaCC B1430 ← LIPI (Puspita Lisdiyanti, LB\_37)

Source of sample: Coffee exocarp + mesocarp

Locality: Wonosobo, Central Java, Indonesia

Cultivation: pH 5.5-5.9, 30°C

***Acetobacter* sp.**InaCC Number: InaCC **B1431**

History: InaCC B1431 ← LIPI (Puspita Lisdiyanti, LB\_30)

Source of sample: Coffee exocarp + mesocarp

Locality: Wonosobo, Central Java, Indonesia

Cultivation: pH 5.5-5.9, 30°C

***Acetobacter tropicalis***InaCC Number: InaCC **B374**

History: InaCC B374 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDI-A002

Source of sample: Cacao fermentation

Locality: PTPN XII, Jember

Cultivation: GYP, pH 6, 30°C

***Achromobacter insolitus***InaCC Number: InaCC **B1438**

History: InaCC B1438 ← LIPI (Dian Andriani, DEA 1)

Source of sample: Sediment and polystyrene waste

Locality: Muara Angke, Jakarta

Cultivation: BH, pH 7, 30°C

***Achromobacter spanius***InaCC Number: InaCC **B845**

History: InaCC B845 ← LIPI (I.M. Sudiana) &amp; NBRc (Y. Muramatsu). JSAT12-3-B007b

Source of sample: Soil

Locality: Maratua Island, Indonesia

Cultivation: NBRC 804, 25°C

***Achromobacter ruhlandii***InaCC Number: InaCC **B883**

History: InaCC B883 ← LIPI (I.M. Sudiana) &amp; NBRc (Y. Muramatsu). JSAT12-3-B136a

Source of sample: Plant (*Albisia*, *Albizia falcataria*) root nodule

Locality: Mt. Pancar, Bogor, Indonesia

Cultivation: NBRC 804, 25°C

***Achromobacter xylosoxidans***InaCC Number: InaCC **B894**

History: InaCC B894 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B189b

Source of sample: Plant (kacang panggang (bean), *Vigna sinensis*) root nodule

Locality: Mt. Pancar, Bogor, Indonesia

Cultivation: NBRC 804, 25°C

***Acidovorax* sp.**InaCC Number: InaCC **B906**

History: InaCC B906 ← K.Mogi &amp; I.M. Sudiana, 3-1w

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Acidovorax* sp.**InaCC Number: InaCC **B907**

History: InaCC B907 ← K.Mogi &amp; I.M. Sudiana, inp-31c

Source of sample: Paddy field soil

Locality: Bogor, Indonesia

Cultivation: 25°C

***Acidovorax wautersii***InaCC Number: InaCC **B17**

History: InaCC B17 ← LIPI (Agustinus Joko N) ← ICBG (Kyria et al.), 023D

Source of sample: Larva gut

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Acinetobacter beijerinckii***InaCC Number: InaCC **B875**

History: InaCC B875 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B107 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana) 32Na

Source of sample: Water

Locality: Mahakam River, Balikpapan, Indonesia

Cultivation: NBRC 804, 25°C

***Acinetobacter calcoaceticus***InaCC Number: InaCC **B488**

History: InaCC B488 ← LIPI (Made, LIPI14-3-B032) ← LIPI (Dwi N. Susilowati), Er I B3.15

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Acinetobacter nosocomialis***InaCC Number: InaCC **B897**

History: InaCC B897 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B211 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana) 33Nb

Source of sample: Soil

Locality: Mahakam River, Balikpapan, Indonesia

Cultivation: NBRC 804, 25°C

***Acinetobacter oleivorans***InaCC Number: InaCC **B863**

History: InaCC B863 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B057 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana) 20Na

Source of sample: Soil

Locality: Wain River, Balikpapan, Indonesia

Cultivation: NBRC 804, 25°C

***Acinetobacter pittii***InaCC Number: InaCC **B871**

History: InaCC B871 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B096 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana) 30Nb

Source of sample: Soil

Locality: Bangkirai Hill (rain forest), Balikpapan, Indonesia

Cultivation: NBRC 804, 25°C

***Acinetobacter pittii***InaCC Number: InaCC **B1217**

History: InaCC B1217 ← LIPI (Ruby Setiawan) ← LIPI (Ruby Setiawan), SB006

Source of sample: Hot springs water

Locality: Kole, Rambusaratu Village, Mamasa, West Sulawesi

Cultivation: pH 7, 30°C

***Acinetobacter pittii***

InaCC Number: InaCC **B1244**  
 History: InaCC B1244 ← LIPI (Ruby Setiawan)  
 SB011 ← LIPI (Ruby Setiawan) HS2YWS11  
 Source of sample: Hot spring water  
 Locality: Mamasa, West Sulawesi  
 Cultivation: RZA, pH 7, 30°C

***Acinetobacter pittii***

InaCC Number: InaCC **B1248**  
 History: InaCC B1248 ← LIPI (Ruby Setiawan)  
 SB015 ← LIPI (Ruby Setiawan) HS2YWS15  
 Source of sample: Hot spring water  
 Locality: Mamasa, West Sulawesi  
 Cultivation: RZA, pH 7, 30°C

***Acinetobacter radioresistens***

InaCC Number: InaCC **B19**  
 History: InaCC B19 ← LIPI (Agustinus Joko N)  
 ← ICBG (Kyria et al.), 024TE  
 Source of sample: Larva gut  
 Locality: Protected Forest Mekongga, Tinukari,  
 North Kolaka  
 Cultivation: NA/TSA, pH 7, 30°C

***Acinetobacter radioresistens***

InaCC Number: InaCC **B27**  
 History: InaCC B27 ← LIPI (Agustinus Joko N)  
 ← LIPI (Agustinus Joko N), 081LWA  
 Source of sample: Leaf  
 Locality: Protected Forest Mekongga, Tinukari,  
 North Kolaka  
 Cultivation: NA/TSA, pH 7, 30°C

***Acinetobacter soli***

InaCC Number: InaCC **B511**  
 History: InaCC B511 ← LIPI (Made, LIPI14-  
 3-B055) ← LIPI (Dwi N. Susilowati), Er II B1.5  
 Source of sample: Rice rhizosphere soil (pot  
 experiment)  
 Locality: Eretan Kulon, Kandang-Haur,  
 Indramayu  
 Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Acinetobacter soli***

InaCC Number: InaCC **B1190**  
 History: InaCC B1190 ← LIPI (Tri Ratna S) ←  
 LIPI (Tri Ratna S), BK6  
 Source of sample: Stem of *Curcuma heyneana*  
 Locality: Bogor Botanical Garden, Bogor, West  
 Java  
 Cultivation: pH 7, 30°C

***Acinetobacter sp.***

InaCC Number: InaCC **B18**  
 History: InaCC B18 ← LIPI (Agustinus Joko N)  
 ← ICBG (Kyria et al.), 024GA  
 Source of sample: Larva gut  
 Locality: Protected Forest Mekongga, Tinukari,  
 North Kolaka  
 Cultivation: NA/TSA, pH 7, 30°C

***Acinetobacter sp.***

InaCC Number: InaCC **B22**  
 History: InaCC B22 ← LIPI (Agustinus Joko N)  
 ← LIPI (Agustinus Joko N), 069LWB  
 Source of sample: Leaf  
 Locality: Protected Forest Mekongga, Tinukari,  
 North Kolaka  
 Cultivation: NA/TSA, pH 7, 30°C

***Acinetobacter sp.***

InaCC Number: InaCC **B54**  
 History: InaCC B54 ← LIPI (Agustinus Joko N)  
 ← LIPI (Agustinus Joko N), MKS3E  
 Source of sample: Soil  
 Locality: Protected Forest Mekongga, Tinukari,  
 North Kolaka  
 Cultivation: NA/TSA, pH 7, 30°C

***Acinetobacter sp.***

InaCC Number: InaCC **B55**  
 History: InaCC B55 ← LIPI (Agustinus Joko N)  
 ← LIPI (Agustinus Joko N), MKS3F  
 Source of sample: Soil  
 Locality: Protected Forest Mekongga, Tinukari,  
 North Kolaka  
 Cultivation: NA/TSA, pH 7, 30°C

***Acinetobacter sp.***InaCC Number: InaCC **B832**

History: InaCC B832 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B111 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana), 32Ne

Source of sample: Water

Locality: Mahakam River, Balikpapan, Indonesia

Cultivation: NBRC 804, 25°C

***Acinetobacter sp.***InaCC Number: InaCC **B1247**

History: InaCC B1247 ← LIPI (Ruby Setiawan) SB012 ← LIPI (Ruby Setiawan) HS2YWS12

Source of sample: Hot spring water

Locality: Mamasa, West Sulawesi

Cultivation: RZA, pH 7, 30°C

***Acinetobacter vivianii***InaCC Number: InaCC **B1533**

History: InaCC B1533 ← LIPI (Masrukhin, SW1.4.1)

Source of sample: *Brassica chinensis* leaves

Locality: Cibinong, Bogor

Cultivation: NA, pH 7, 25-30°C

***Aeromonas hydrophila***InaCC Number: InaCC **B464**

History: InaCC B464 ← LIPI (Made, LIPI14-3-B007) ← LIPI (Dwi N. Susilowati), Er I B1.7

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Aeromonas hydrophila***InaCC Number: InaCC **B1424**

History: InaCC B1424 ← LIPI (R.Setiawan), MSD2.1.8 ZA

Source of sample: Sediment

Locality: Mt. Merapi National Park Resort Cangkringan, Sleman

Cultivation: NA, pH 7, 30°C

***Aeromonas Jandaei***InaCC Number: InaCC **B925**

History: InaCC B925 ← A. Hosoda and S. Otsuka I2-27

Source of sample: Paddy field soil

Locality: Indramayu, Indonesia

Cultivation: 25°C

***Aeromonas taiwanensis***InaCC Number: InaCC **B491**

History: InaCC B491 ← LIPI (Made, LIPI14-3-B035) ← LIPI (Dwi N. Susilowati), Ptb I B2.1

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Aeromonas taiwanensis***InaCC Number: InaCC **B490**

History: InaCC B490 ← LIPI (Made, LIPI14-3-B034) ← LIPI (Dwi N. Susilowati), Ptb I B1.5

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Agrobacterium larrymoorei***InaCC Number: InaCC **B1185**

History: InaCC B1185 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), DK1

Source of sample: *Curcuma heyneana* leaves

Locality: Bogor Botanical Garden, Bogor, West Java

Cultivation: pH 7, 30°C

***Agrobacterium tumefaciens***InaCC Number: InaCC **B1187**

History: InaCC B1187 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), DK6

Source of sample: *Curcuma heyneana* leaves

Locality: Bogor Botanical Garden, Bogor, West Java

Cultivation: pH 7, 30°C

***Alcaligenes faecalis***InaCC Number: InaCC **B433**

History: InaCC B433 ← LIPI (Tri Ratna Sulistiyani) ← LIPI (Tri Ratna Sulistiyani), DIPB4

Source of sample: Leaves of *Curcuma zedoaria*

Locality: Garden of medicinal plants collection of Biopharma Research Center, Bogor Agricultural University

Cultivation: NA, pH 7, 30°C

***Alcaligenes faecalis***InaCC Number: InaCC **B440**

History: InaCC B440 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), BST052

Source of sample: Stone

Locality: Satonda Island

Cultivation: NA/B4, pH 7, 30°C

***Alcaligenes faecalis***InaCC Number: InaCC **B444**

History: InaCC B444 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), BT035

Source of sample: Soil

Locality: Mimpi Cave, Batimurung, Sulawesi

Cultivation: NA/B4, pH 7, 30°C

***Alcaligenes sp.***InaCC Number: InaCC **B441**

History: InaCC B441 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), BST0610

Source of sample: Stone

Locality: Satonda Island

Cultivation: NA/B4

***Alloiococcus sp.***InaCC Number: InaCC **B645**

History: InaCC B645 ← LIPI (Rohmatussolihat, LIPI13-2-LAB013) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 54EM1010-8

Source of sample: Terasi

Locality: Sukawati, Bali

Cultivation: MRS (pH10, 10%NaCl), 30°C

***Altererythrobacter fulvus***InaCC Number: InaCC **B1524**

History: InaCC B1524 ← LIPI (R.Setiawan), TYSSd-1.J.4.13

Source of sample: Sea water sediment

Locality: Saumlaki

Cultivation: Zobell Marine Agar/ MA 2216, pH 7, 30°C

***Ancylobacter sonchi***InaCC Number: InaCC **B1287**

History: InaCC B1287 ← LIPI (Tri Ratn S.), SMZgR3

Source of sample: Zingiberaceae (root)

Locality: Wanggameti Village, NTT

Cultivation: NA, pH 7, 30°C

***Aquabacterium sp.***InaCC Number: InaCC **B910**

History: InaCC B910 ← K.Mogi &amp; I.M. Sudiana, 1-33

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Arthrobacter alpinus***InaCC Number: InaCC **B472**

History: InaCC B472 ← LIPI (Made, LIPI14-3-B016) ← LIPI (Dwi N. Susilowati), Er I B2.8

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Arthrobacter defluvii***InaCC Number: InaCC **B496**

History: InaCC B496 ← LIPI (Made, LIPI14-3-B040) ← LIPI (Dwi N. Susilowati), Ptb I B2.10

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Arthrobacter defluvii***InaCC Number: InaCC **B500**

History: InaCC B500 ← LIPI (Made, LIPI14-3-B044) ← LIPI (Dwi N. Susilowati), Ptb I B3.3

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Arthrobacter defluvii***InaCC Number: InaCC **B506**

History: InaCC B506 ← LIPI (Made, LIPI14-3-B050) ← LIPI (Dwi N. Susilowati), Ptb I B3.11

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Arthrobacter pascens***InaCC Number: InaCC **B1422**

History: InaCC B1422 ← LIPI (R.Setiawan), MSD1.4.3

Source of sample: Sediment

Locality: Mt. Merapi National Park Resort Cangkringan, Sleman

Cultivation: NA, pH 7, 30°C

***Aurantimonas altamirensis***InaCC Number: InaCC **B21**

History: InaCC B21 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N),066LWA

Source of sample: Leaf

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Azoarcus evansii***InaCC Number: InaCC **B926**

History: InaCC B926 ← A. Hosoda and S. Otsuka II-21

Source of sample: Paddy field soil

Locality: Indramayu, Indonesia

Cultivation: 25°C

***Azoarcus sp.***InaCC Number: InaCC **B915**

History: InaCC B915 ← K.Mogi &amp; I.M. Sudiana, 1A-20

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Azoarcus sp.***InaCC Number: InaCC **B927**

History: InaCC B927 ← A. Hosoda and S. Otsuka T1-2

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Azoarcus sp.***InaCC Number: InaCC **B928**

History: InaCC B928 ← A. Hosoda and S. Otsuka T1-11

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Azohydromonas sp.***InaCC Number: InaCC **B899**

History: InaCC B899 ← K.Mogi &amp; I.M. Sudiana, C-17

Source of sample: Paddy field soil

Locality: Cibinong, Indonesia

Cultivation: 25°C

***Azonexus sp.***InaCC Number: InaCC **B916**

History: InaCC B916 ← K.Mogi &amp; I.M. Sudiana, 1A-36y

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Azonexus sp.***InaCC Number: InaCC **B917**

History: InaCC B917 ← K.Mogi &amp; I.M. Sudiana, 1A-50b



Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Azonexus* sp.**

InaCC Number: InaCC **B929**

History: InaCC B929 ← A. Hosoda and S. Otsuka T1-49

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Azonexus* sp.**

InaCC Number: InaCC **B930**

History: InaCC B930 ← A. Hosoda and S. Otsuka T1-38

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Azospira oryzae***

InaCC Number: InaCC **B931**

History: InaCC B931 ← A. Hosoda and S. Otsuka I2-26

Source of sample: Paddy field soil

Locality: Indramayu, Indonesia

Cultivation: 25°C

***Azospira restricta***

InaCC Number: InaCC **B932**

History: InaCC B932 ← A. Hosoda and S. Otsuka SB-44

Source of sample: Paddy field soil

Locality: Surabaya, Indonesia

Cultivation: 25°C

***Azospira* sp.**

InaCC Number: InaCC **B918**

History: InaCC B918 ← K.Mogi & I.M. Sudiana, RSE21

Source of sample: Paddy field soil

Locality: Rambut Siwi, Indonesia

Cultivation: 25°C

***Azospira* sp.**

InaCC Number: InaCC **B919**

History: InaCC B919 ← K.Mogi & I.M. Sudiana, inp-42s

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Azospirillum oryzae***

InaCC Number: InaCC **B933**

History: InaCC B933 ← A. Hosoda and S. Otsuka T1-26

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Azospirillum* sp.**

InaCC Number: InaCC **B903**

History: InaCC B903 ← K.Mogi & I.M. Sudiana, 1A-32w

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Azospirillum* sp.**

InaCC Number: InaCC **B904**

History: InaCC B904 ← K.Mogi & I.M. Sudiana, 3-13W

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Azospirillum* sp.**

InaCC Number: InaCC **B934**

History: InaCC B934 ← A. Hosoda and S. Otsuka RB-47

Source of sample: Paddy field soil

Locality: Rambut Siwi, Indonesia

Cultivation: 25°C

***Azospirillum* sp.**

InaCC Number: InaCC **B935**

History: InaCC B935 ← A. Hosoda and S. Otsuka T1-44

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Azotobacter vinelandii***

InaCC Number: InaCC **B1164**

History: InaCC B1164 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari & Siti Meliah), GTS01-66

Source of sample: Soil

Locality: Mt. Tambora, Kawinda Toi Regency, NTB

Cultivation: pH 7, 25-30°C

***Azovibrio restrictus***

InaCC Number: InaCC **B936**

History: InaCC B936 ← A. Hosoda and S. Otsuka RB-31

Source of sample: Paddy field soil

Locality: Rambut Siwi, Indonesia

Cultivation: 25°C

***Bacillus acidiceler***

InaCC Number: InaCC **B1462**

History: InaCC B1462 ← LIPI (Tri Ratna S, SSL01.8)

Source of sample: Soil and plant rhizosphere, collected under the yellow flamboyant tree (*Peltophorum pterocarpum*)

Locality: Kuta Village, Pujut District, Central Lombok Regency, West Nusa Tenggara

Cultivation: NA, pH 7, 28°C

***Bacillus acidiceler***

InaCC Number: InaCC **B1463**

History: InaCC B1463 ← LIPI (Tri Ratna S, SSL05.6)

Source of sample: Soil and plant rhizosphere, collected under the cacao tree (*Theobroma cacao*)

Locality: Trenggaluh Village, Lingsar District, West Lombok Regency, West Nusa Tenggara

Cultivation: NA, pH 7, 28°C

***Bacillus acidiceler***

InaCC Number: InaCC **B1464**

History: InaCC B1464 ← LIPI (Tri Ratna S, SSL05.8)

Source of sample: Soil and plant rhizosphere, collected under the cacao tree (*Theobroma cacao*)

Locality: Trenggaluh Village, Lingsar District, West Lombok Regency, West Nusa Tenggara

Cultivation: NA, pH 7, 28°C

***Bacillus algicola***

InaCC Number: InaCC **B1331**

History: InaCC B1331 ← LIPI (Ruby Setiawan), KR19\_3.12

Source of sample: Marine Sediment

Locality: Ketam Beach, Pongkar Village, Riau Islands

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Bacillus aerophilus***

InaCC Number: InaCC **B1188**

History: InaCC B1188 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), DK7

Source of sample: *Curcuma heyneana* (leaves)

Locality: Bogor Botanical Garden, Bogor, West Java

Cultivation: pH 7, 30°C

***Bacillus altitudinis***

InaCC Number: InaCC **B59**

History: InaCC B59 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), MKS5B

Source of sample: Soil

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Bacillus aryabhatai***

InaCC Number: InaCC **B1170**

History: InaCC B1170 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari & Siti Meliah), GTS04-3

Source of sample: Soil

Locality: Mt. Tambora, Kawinda Toi Regency, NTB

Cultivation: pH 7, 25-30°C

***Bacillus aryabhatai***

InaCC Number: InaCC **B1278**

History: InaCC B1278 ← LIPI (Siti Meliah & Tri Ratna Sulistiani), ATNL2

Source of sample: Stem of sorghum plant (*Sorghum bicolor*)

Locality: Ecological Park, CSC Cibinong, West Java

Cultivation: Nutrient broth, pH 7, 25-30°C

***Bacillus aryabhatai***

InaCC Number: InaCC **B1172**

History: InaCC B1172 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari & Siti Meliah), GTS06-1

Source of sample: Soil

Locality: Mt. Tambora, Kawinda Toi Regency, NTB

Cultivation: pH 7, 25-30°C

***Bacillus aryabhatai***

InaCC Number: InaCC **B23**

History: InaCC B23 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), 073LWD

Source of sample: Leaf

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Bacillus aryabhatai***

InaCC Number: InaCC **B33**

History: InaCC B33 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), 119BSC

Source of sample: Soil

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Bacillus aryabhatai***

InaCC Number: InaCC **B1469**

History: InaCC B1469 ← LIPI (Tri Ratna S, SSL02.7)

Source of sample: Soil and plant rhizosphere, collected under the coconut tree (*Cocos nucifera*)

Locality: Malaka Village, Pemenang District, West Lombok Regency, West Nusa Tenggara

Cultivation: NA, pH 7, 28°C

***Bacillus berkeleyi***

InaCC Number: InaCC **B1326**

History: InaCC B1326 ← LIPI (Ruby Setiawan), KRSd4\_3.2

Source of sample: Marine Sediment

Locality: Karimun Anak Island, Riau Islands

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Bacillus cereus***

InaCC Number: InaCC **B315**

History: InaCC B315 ← LIPI (E. Jusuf) ← Puslitbangkes-Menkes (Prof. Dr. Amirul Munif), BTDIPEL

Source of sample: Puslitbangkes Menkes collection

Locality: Jakarta, Indonesia

Cultivation: NA, pH 7, 30°C

***Bacillus cereus***

InaCC Number: InaCC **B542**

History: InaCC B542 ← LIPI (Made, LIPI14-3-B086) ← LIPI (Dwi N. Susilowati), Ptb II B3.7

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus cereus***

InaCC Number: InaCC **B529**

History: InaCC B529 ← LIPI (Made, LIPI14-3-B073) ← LIPI (Dwi N. Susilowati), Ptb II B1.3

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus cereus***

InaCC Number: InaCC B9

History: InaCC ← LIPI (Agustinus Joko N) ← ICBG (Kyria et al.), 005B

Source of sample: Larva gut

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Bacillus cereus***

InaCC Number: InaCC B320

History: InaCC B320 ← LIPI (E. Jusuf) ← IPB (R.S. Hadioetomo), MRS2113

Source of sample: Agricultural soil Enrekang Kastitonif, 1990 agricultural pest insecticide

Locality: Enrekang, Indonesia

Cultivation: NA, pH 7, 30°C

***Bacillus cereus***

InaCC Number: InaCC B317

History: InaCC B317 ← LIPI (E. Jusuf) ← IPB (R.S. Hadioetomo), BTENKBIII6

Source of sample: Agricultural soil Enrekang Kastitonif, 1990 agricultural pest insecticide

Locality: Enrekang, Indonesia

Cultivation: NA, pH 7, 30°C

***Bacillus cereus***

InaCC Number: InaCC B543

History: InaCC B543 ← LIPI (Made, LIPI14-3-B087) ← LIPI (Dwi N. Susilowati), Ptb II B3.9

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus cereus***

InaCC Number: InaCC B319

History: InaCC B319 ← LIPI (E. Jusuf) ← IPB (R.S. Hadioetomo), BTENKBIII1

Source of sample: Agricultural soil Enrekang Kastitonif, 1990 agricultural pest insecticide

Locality: Enrekang, Indonesia

Cultivation: NA, pH 7, 30°C

***Bacillus cereus***

InaCC Number: InaCC B11

History: InaCC B11 ← LIPI (Agustinus Joko N) ← ICBG (Kyria et al.), 011B

Source of sample: Larva gut

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Bacillus cereus***

InaCC Number: InaCC B324

History: InaCC B324 ← LIPI (E. Jusuf) ← Univ. Lausanne-Swiss (Dr. Christophe Piot), BTHD31

Source of sample: Collection of Institut de Genetique et de Biologie Microbiennes, Univ. Lausanne-Swiss (L-20202)

Locality: Lausanne, Swiss

Cultivation: NA, pH 7, 30°C

***Bacillus cereus***

InaCC Number: InaCC B325

History: InaCC B325 ← LIPI (E. Jusuf) ← IPB (R.S. Hadioetomo), MRS242

Source of sample: Agricultural soil Maros Kastitonif, 1990 agricultural pest insecticide

Locality: Maros, Indonesia

Cultivation: NA, pH 7, 30°C

***Bacillus cereus***

InaCC Number: InaCC B62

History: InaCC B62 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), MKS7B

Source of sample: Soil

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Bacillus cereus***

InaCC Number: InaCC B1268

History: InaCC B1268 ← LIPI (Siti Meliah &amp; Tri Ratna Sulistiani), BTIL3

Source of sample: Stem of sorghum plant (*Sorghum bicolor*)

Locality: Ecological Park, CSC Cibinong, West Java

Cultivation: Nutrient broth, pH 7, 25-30°C

***Bacillus cereus***InaCC Number: InaCC **B505**

History: InaCC B505 ← LIPI (Made, LIPI14-3-B049) ← LIPI (Dwi N. Susilowati), Ptb I B3.9

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus cereus***InaCC Number: InaCC **B1171**

History: InaCC B1171 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari &amp; Siti Meliah), GTS05-7

Source of sample: Soil

Locality: Mt. Tambora, Kawinda Toi Regency, NTB

Cultivation: pH 7, 25-30°C

***Bacillus cereus***InaCC Number: InaCC **B479**

History: InaCC B479 ← LIPI (Made, LIPI14-3-B023) ← LIPI (Dwi N. Susilowati), Er I B3.3

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus cereus***InaCC Number: InaCC **B329**

History: InaCC B329 ← LIPI (E. Jusuf) ← IPB (R.S. Hadioetomo), MRS2112

Source of sample: Agricultural soil Maros Kastitonif, 1990 agricultural pest insecticide

Locality: Maros, Indonesia

Cultivation: NA, pH 7, 30°C

***Bacillus cereus***InaCC Number: InaCC **B502**

History: InaCC B502 ← LIPI (Made, LIPI14-3-B046) ← LIPI (Dwi N. Susilowati), Ptb I B3.6

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus cereus***InaCC Number: InaCC **B476**

History: InaCC B476 ← LIPI (Made, LIPI14-3-B020) ← LIPI (Dwi N. Susilowati), Er I B2.13

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus cereus***InaCC Number: InaCC **B537**

History: InaCC B537 ← LIPI (Made, LIPI14-3-B081) ← LIPI (Dwi N. Susilowati), Ptb II B2.8

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus cereus***InaCC Number: InaCC **B53**

History: InaCC B53 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), MKS3C

Source of sample: Soil

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Bacillus cereus***InaCC Number: InaCC **B328**

History: InaCC B328 ← LIPI (E. Jusuf) ← IPB (R.S. Hadioetomo), ENKB2113

Source of sample: Agricultural soil Enrekang Kastitonif, 1990 agricultural pest insecticide

Locality: Enrekang, Indonesia

Cultivation: NA, pH 7, 30°C

***Bacillus cereus***InaCC Number: InaCC **B51**

History: InaCC B51 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), MKS1C

Source of sample: Soil

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Bacillus cereus***

InaCC Number: InaCC **B467**

History: InaCC B467 ← LIPI (Made, LIPI14-3-B010) ← LIPI (Dwi N. Susilowati), Er I B2.1

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus cereus***

InaCC Number: InaCC **B1168**

History: InaCC B1168 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari & Siti Meliah), GTS03-10

Source of sample: Soil

Locality: Mt. Tambora, Kawinda Toi Regency, NTB

Cultivation: pH 7, 25-30°C

***Bacillus cereus***

InaCC Number: InaCC **B535**

History: InaCC B535 ← LIPI (Made, LIPI14-3-B079) ← LIPI (Dwi N. Susilowati), Ptb II B2.5

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus cereus***

InaCC Number: InaCC **B326**

History: InaCC B326 ← LIPI (E. Jusuf) ← IPB (R.S. Hadioetomo), MRS2116

Source of sample: Agricultural soil Maros Kastintonif, 1990 agricultural pest insecticide

Locality: Maros, Indonesia

Cultivation: NA, pH 7, 30°C

***Bacillus cereus***

InaCC Number: InaCC **B1269**

History: InaCC B1269 ← LIPI (Siti Meliah & Tri Ratna Sulistiani), BTIL6

Source of sample: Stem of sorghum plant (*Sorghum bicolor*)

Locality: Ecological Park, CSC Cibinong, West Java

Cultivation: Nutrient broth, pH 7, 25-30°C

***Bacillus cereus***

InaCC Number: InaCC **B530**

History: InaCC B530 ← LIPI (Made, LIPI14-3-B074) ← LIPI (Dwi N. Susilowati), Ptb II B1.4

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus cereus***

InaCC Number: InaCC **B471**

History: InaCC B471 ← LIPI (Made, LIPI14-3-B015) ← LIPI (Dwi N. Susilowati), Er I B2.7

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus cereus***

InaCC Number: InaCC **B1440**

History: InaCC B1440 ← LIPI (Dian Andriani, DEA 3)

Source of sample: Water

Locality: Mangrove forest, Pantai Indah Kapuk, Jakarta

Cultivation: BH, pH 7, 30°C

***Bacillus cereus***

InaCC Number: InaCC **B1470**

History: InaCC B1470 ← LIPI (Tri Ratna S, SSL05.1)

Source of sample: Soil and plant rhizosphere, collected under the cacao tree (*Theobroma cacao*)

Locality: Trenggaluh Village, Lingsar District, West Lombok Regency, West Nusa Tenggara

Cultivation: NA, pH 7, 28°C

***Bacillus cucumis***

InaCC Number: InaCC **B1456**

History: InaCC B1456 ← LIPI (Tri Ratna S, SSL01.3)

Source of sample: Soil and plant rhizosphere, collected under the yellow flamboyant tree (*Peltophorum pterocarpum*)

Locality: Kuta Village, Pujut District, Central Lombok Regency, West Nusa Tenggara

Cultivation: NA, pH 7, 28°C

***Bacillus cucumis***

InaCC Number: InaCC **B1457**

History: InaCC B1457 ← LIPI (Tri Ratna S, SSL01.4)

Source of sample: Soil and plant rhizosphere, collected under the yellow flamboyant tree (*Peltophorum pterocarpum*)

Locality: Kuta Village, Pujut District, Central Lombok Regency, West Nusa Tenggara

Cultivation: NA, pH 7, 28°C

***Bacillus cytotoxicus***

InaCC Number: InaCC **B1473**

History: InaCC B1473 ← LIPI (Tri Ratna S, SSL05.4)

Source of sample: Soil and plant rhizosphere, collected under the cacao tree (*Theobroma cacao*)

Locality: Trenggaluh Village, Lingsar District, West Lombok Regency, West Nusa Tenggara

Cultivation: NA, pH 7, 28°C

***Bacillus cytotoxicus***

InaCC Number: InaCC **B1474**

History: InaCC B1474 ← LIPI (Tri Ratna S, SSL05.7)

Source of sample: Soil and plant rhizosphere, collected under the cacao tree (*Theobroma cacao*)

Locality: Trenggaluh Village, Lingsar District, West Lombok Regency, West Nusa Tenggara

Cultivation: NA, pH 7, 28°C

***Bacillus deserti***

InaCC Number: InaCC **B1467**

History: InaCC B1467 ← LIPI (Tri Ratna S, SSL02.2)

Source of sample: Soil and plant rhizosphere, collected under the coconut tree (*Cocos nucifera*)

Locality: Malaka Village, Pemenang District, West Lombok Regency, West Nusa Tenggara

Cultivation: NA, pH 7, 28°C

***Bacillus drentensis***

InaCC Number: InaCC **B937**

History: InaCC B937 ← A. Hosoda and S. Otsuka T2-45

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Bacillus drentensis***

InaCC Number: InaCC **B1458**

History: InaCC B1458 ← LIPI (Tri Ratna S, SSL01.5)

Source of sample: Soil and plant rhizosphere, collected under the yellow flamboyant tree (*Peltophorum pterocarpum*)

Locality: Kuta Village, Pujut District, Central Lombok Regency, West Nusa Tenggara

Cultivation: NA, pH 7, 28°C

***Bacillus flexus***

InaCC Number: InaCC **B486**

History: InaCC B468 ← LIPI (Made, LIPI14-3-B030) ← LIPI (Dwi N. Susilowati), Er I B3.12

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus ginsengisoli***

InaCC Number: InaCC **B1475**

History: InaCC B1475 ← LIPI (Tri Ratna S, SSL05.5)

Source of sample: Soil and plant rhizosphere, collected under the cacao tree (*Theobroma cacao*)

Locality: Trenggaluh Village, Lingsar District,  
West Lombok Regency, West Nusa Tenggara  
Cultivation: NA, pH 7, 28°C

***Bacillus horikoshii***

InaCC Number: InaCC **B11513**  
History: InaCC B1513 ← LIPI (R.Setiawan),  
SAMg5.11  
Source of sample: Mangrove sediment  
Locality: Alafan, Simeulue, Aceh  
Cultivation: Zobell Marine Agar/Marine Agar  
2216, pH 7, 30°C

***Bacillus mangrovi***

InaCC Number: InaCC **B11516**  
History: InaCC B1516 ← LIPI (R.Setiawan),  
SAMg4.5  
Source of sample: Mangrove sediment  
Locality: Alafan, Simeulue, Aceh  
Cultivation: Zobell Marine Agar/Marine Agar  
2216, pH 7, 30°C

***Bacillus licheniformis***

InaCC Number: InaCC **B1088**  
History: InaCC B1088 ← LIPI (Arif Nurkanto,  
LIPI13-2-Ac196) ← NBRC (Moriyuki Hamada),  
RS-7-d  
Source of sample: Sea sediment  
Locality: Rambut Island, Seribu Islands,  
Indonesia  
Cultivation: NBRC Medium 802 + 2% NaCl,  
28°C

***Bacillus indicus***

InaCC Number: InaCC **B11518**  
History: InaCC B1518 ← LIPI (R.Setiawan),  
SAMg6.3  
Source of sample: Mangrove sediment  
Locality: Alafan, Simeulue, Aceh  
Cultivation: Zobell Marine Agar/Marine Agar  
2216, pH 7, 30°C

***Bacillus marisflavi***

InaCC Number: InaCC **B531**  
History: InaCC B531 ← LIPI (Made, LIPI14-  
3-B075) ← LIPI (Dwi N. Susilowati), Ptb II B1.5  
Source of sample: Rice rhizosphere soil (pot  
experiment)  
Locality: Patimban, Subang  
Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus marisflavi***

InaCC Number: InaCC **B541**  
History: InaCC B541 ← LIPI (Made, LIPI14-  
3-B085) ← LIPI (Dwi N. Susilowati), Ptb II B3.3  
Source of sample: Rice rhizosphere soil (pot  
experiment)  
Locality: Patimban, Subang  
Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus marisflavi***

InaCC Number: InaCC **B515**  
History: InaCC B515 ← LIPI (Made, LIPI14-  
3-B059) ← LIPI (Dwi N. Susilowati), Er II B2.3  
Source of sample: Rice rhizosphere soil (pot  
experiment)  
Locality: Eretan Kulon, Kandang-Haur,  
Indramayu  
Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus marisflavi***

InaCC Number: InaCC **B461**  
History: InaCC B461 ← LIPI (Made, LIPI14-  
3-B004) ← LIPI (Dwi N. Susilowati), Er I B1.4  
Source of sample: Rice rhizosphere soil (pot  
experiment)  
Locality: Eretan Kulon, Kandang-Haur,  
Indramayu  
Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus megaterium***

InaCC Number: InaCC **B459**  
History: InaCC B459 ← LIPI (Made, LIPI14-  
3-B002) ← LIPI (Dwi N. Susilowati), Er I B1.2  
Source of sample: Rice rhizosphere soil (pot  
experiment)



Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus megaterium***

InaCC Number: InaCC **B480**

History: InaCC B480 ← LIPI (Made, LIPI14-3-B024) ← LIPI (Dwi N. Susilowati), Er I B3.4

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus megaterium***

InaCC Number: InaCC **B465**

History: InaCC B465 ← LIPI (Made, LIPI14-3-B008) ← LIPI (Dwi N. Susilowati), Er I B1.8

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus megaterium***

InaCC Number: InaCC **B475**

History: InaCC B475 ← LIPI (Made, LIPI14-3-B019) ← LIPI (Dwi N. Susilowati), Er I B2.12

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus megaterium***

InaCC Number: InaCC **B1465**

History: InaCC B1465 ← LIPI (Tri Ratna S, SSL02.1)

Source of sample: Soil and plant rhizosphere, collected under the coconut tree (*Cocos nucifera*)

Locality: Malaka Village, Pemenang District, West Lombok Regency, West Nusa Tenggara

Cultivation: NA, pH 7, 30°C

***Bacillus megaterium***

InaCC Number: InaCC **B1466**

History: InaCC B1466 ← LIPI (Tri Ratna S, SSL02.5)

Source of sample: Soil and plant rhizosphere, collected under the coconut tree (*Cocos nucifera*)

Locality: Malaka Village, Pemenang District, West Lombok Regency, West Nusa Tenggara

Cultivation: NA, pH 7, 30°C

***Bacillus methylotrophicus***

InaCC Number: InaCC **B504**

History: InaCC B504 ← LIPI (Made, LIPI14-3-B048) ← LIPI (Dwi N. Susilowati), Ptb I B3.8

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus methylotrophicus***

InaCC Number: InaCC **B462**

History: InaCC B462 ← LIPI (Made, LIPI14-3-B005) ← LIPI (Dwi N. Susilowati), Er I B1.5

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus methylotrophicus***

InaCC Number: InaCC **B503**

History: InaCC B503 ← LIPI (Made, LIPI14-3-B047) ← LIPI (Dwi N. Susilowati), Ptb I B3.7

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus oceani***

InaCC Number: InaCC **B1525**

History: InaCC B1525 ← LIPI (R.Setiawan), TYSSd-1.J.2.3

Source of sample: Sea water sediment

Locality: Saumlaki

Cultivation: Zobell Marine Agar/ MA 2216, pH 7, 30°C

***Bacillus paramycooides***

InaCC Number: InaCC **B1461**

History: InaCC B1461 LIPI (Tri Ratna S, SSL03.4)

Source of sample: Soil and plant rhizosphere, collected under the sugar palm tree (*Arenga pinnata*)

Locality: Kolohbera Village, Pemenang District, West Lombok Regency, West Nusa Tenggara

Cultivation: NA, pH 7, 28°C

***Bacillus pseudomycooides***

InaCC Number: InaCC **B1459**

History: InaCC B1459 ← LIPI (Tri Ratna S, SSL01.6)

Source of sample: Soil and plant rhizosphere, collected under the yellow flamboyant tree (*Peltophorum pterocarpum*)

Locality: Kuta Village, Pujut District, Central Lombok Regency, West Nusa Tenggara

Cultivation: NA, pH 7, 28°C

***Bacillus pseudomycooides***

InaCC Number: InaCC **B1460**

History: InaCC B1460 ← LIPI (Tri Ratna S, SSL01.7)

Source of sample: Soil and plant rhizosphere, collected under the yellow flamboyant tree (*Peltophorum pterocarpum*)

Locality: Kuta Village, Pujut District, Central Lombok Regency, West Nusa Tenggara

Cultivation: NA, pH 7, 28°C

***Bacillus pumilus***

InaCC Number: InaCC **B508**

History: InaCC B508 ← LIPI (Made, LIPI14-3-B052) ← LIPI (Dwi N. Susilowati), Er II B1.2

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus pumilus***

InaCC Number: InaCC **B528**

History: InaCC B528 ← LIPI (Made, LIPI14-3-B072) ← LIPI (Dwi N. Susilowati), Ptb II B1.2

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus safensis***

InaCC Number: InaCC **B1201**

History: InaCC B1201 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), RL.S1

Source of sample: *Curcuma zedoaria* (rhizome)

Locality: Experiment garden of Research Center for Biology, LIPI, Cibinong, West Java

Cultivation: pH 7, 30°C

***Bacillus safensis***

InaCC Number: InaCC **B1208**

History: InaCC B1208 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), DL.P5

Source of sample: *Curcuma zedoaria* (leaves)

Locality: Experiment garden of Research Center for Biology, LIPI, Cibinong, West Java

Cultivation: pH 7, 30°C

***Bacillus siamensis***

InaCC Number: InaCC **B1435**

History: InaCC B1435 ← LIPI (Sri Widawati, Suliasih & Elly Kristiati Agustin, DP1)

Source of sample: White leaf of *Mitragyna speciosa*

Locality: Pontianak, West Kalimantan

Cultivation: NA, pH 7, 28°C

***Bacillus siamensis***

InaCC Number: InaCC **B1447**

History: InaCC B1447 ← LIPI (Masrukhin, C3.8)

Source of sample: Straw mushroom cultivation medium

Locality: Jatisari, Karawang, West Java

Cultivation: NA, pH 7, 25-30°C

***Bacillus* sp.**InaCC Number: InaCC **B922**

History: InaCC B922 ← K.Mogi &amp; I.M. Sudiana, 1A-4

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Bacillus* sp.**InaCC Number: InaCC **B330**

History: InaCC B330 ← LIPI (E. Jusuf) ← IPB (R.S. Hadioetomo), MRSB2117

Source of sample: Agricultural soil Maros Kastintonif, 1990 agricultural pest insecticide

Locality: Maros, Indonesia

Cultivation: NA, pH 7, 30°C

***Bacillus* sp.**InaCC Number: InaCC **B694**

History: InaCC B694 ← LIPI (Rohmatussolihat, LIPI13-2-LAB094) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 75M06-1

Source of sample: Tauco

Locality: Solok, West Sumatra

Cultivation: TSB, 30°C

***Bacillus* sp.**InaCC Number: InaCC **B348**

History: InaCC B348 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), BST052 (2)

Source of sample: Stone

Locality: Satonda Island, Indonesia

Cultivation: NA

***Bacillus* sp.**InaCC Number: InaCC **B345**

History: InaCC B345 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), S214

Source of sample: Stone

Locality: Parang Endog, Yogyakarta

Cultivation: NA

***Bacillus* sp.**InaCC Number: InaCC **B60**

History: InaCC B60 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), MKS6A

Source of sample: Soil

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Bacillus* sp.**InaCC Number: InaCC **B49**

History: InaCC B49 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), PS6F

Source of sample: Soil

Locality: Protected Forest Papalia, South Konawe

Cultivation: NA/TSA, pH 7, 30°C

***Bacillus* sp.**InaCC Number: InaCC **B399**

History: InaCC B399 ← LIPI (Yati Sudaryati S.) ← LIPI (Ninu Setianingrum), A9

Source of sample: Terasi udang bonang

Locality: Samarinda, Indonesia

Cultivation: NA

***Bacillus* sp.**InaCC Number: InaCC **B58**

History: InaCC B58 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), MKS4B

Source of sample: Soil

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Bacillus* sp.**InaCC Number: InaCC **B646**

History: InaCC B646 ← LIPI (Rohmatussolihat, LIPI13-2-LAB014) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 55T06-1

Source of sample: Tauco

Locality: Sukawati, Bali

Cultivation: TSB, 30°C

***Bacillus* sp.**

InaCC Number: InaCC **B814**

History: InaCC B814 ← LIPI (I Made Sudiana) & University of Tokyo (Shigeto Otsuka) LIPI14-3-B139 ← University of Tokyo (Ayaka Hosoda and Shigeto Otsuka) I2-47

Source of sample: Paddy field soil

Locality: Indramayu, Indonesia

Cultivation: 1/10 R2A, 25°C

***Bacillus* sp.**

InaCC Number: InaCC **B647**

History: InaCC B647 ← LIPI (Rohmatussolihat, LIPI13-2-LAB018) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 55M06-6

Source of sample: Tauco

Locality: Sukawati, Bali

Cultivation: TSB, 30°C

***Bacillus* sp.**

InaCC Number: InaCC **B653**

History: InaCC B653 ← LIPI (Rohmatussolihat, LIPI13-2-LAB031) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 57M06-2

Source of sample: Tauco

Locality: Blahbatu, Bali

Cultivation: TSB, 30°C

***Bacillus* sp.**

InaCC Number: InaCC **B35**

History: InaCC B35 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), PLeW2D

Source of sample: Leaf

Locality: Protected Forest Papalia, South Konawe

Cultivation: NA/TSA, pH 7, 30°C

***Bacillus* sp.**

InaCC Number: InaCC **B36**

History: InaCC B36 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), PLeW3A

Source of sample: Leaf

Locality: Protected Forest Papalia, South Konawe

Cultivation: NA/TSA, pH 7, 30°C

***Bacillus* sp.**

InaCC Number: InaCC **B39**

History: InaCC B39 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), PLeW4E

Source of sample: Leaf

Locality: Protected Forest Papalia, South Konawe

Cultivation: NA/TSA, pH 7, 30°C

***Bacillus* sp.**

InaCC Number: InaCC **B398**

History: InaCC B398 ← LIPI (Yati Sudaryati S.) ← LIPI (Ninu Setianingrum), A1

Source of sample: Terasi udang bonang

Locality: Samarinda, Indonesia

Cultivation: NA

***Bacillus* sp.**

InaCC Number: InaCC **B343**

History: InaCC B343 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), S322(2)

Source of sample: Sand

Locality: Yogyakarta, Indonesia

Cultivation: NA

***Bacillus stratosphericus***

InaCC Number: InaCC **B494**

History: InaCC B494 ← LIPI (Made, LIPI14-3-B038) ← LIPI (Dwi N. Susilowati), Ptb I B2.5

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus stratosphericus***

InaCC Number: InaCC **B485**

History: InaCC B485 ← LIPI (Made, LIPI14-3-B029) ← LIPI (Dwi N. Susilowati), Er I B3.10

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus stratosphericus***InaCC Number: InaCC **B487**

History: InaCC B487 ← LIPI (Made, LIPI14-3-B031) ← LIPI (Dwi N. Susilowati), Er I B3.14

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus stratosphericus***InaCC Number: InaCC **B512**

History: InaCC B512 ← LIPI (Made, LIPI14-3-B056) ← LIPI (Dwi N. Susilowati), Er II B1.6

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus stratosphericus***InaCC Number: InaCC **B477**

History: InaCC B477 ← LIPI (Made, LIPI14-3-B021) ← LIPI (Dwi N. Susilowati), Er I B2.14

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus stratosphericus***InaCC Number: InaCC **B473**

History: InaCC B473 ← LIPI (Made, LIPI14-3-B017) ← LIPI (Dwi N. Susilowati), Er I B2.9

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus stratosphericus***InaCC Number: InaCC **B469**

History: InaCC B469 ← LIPI (Made, LIPI14-3-B013) ← LIPI (Dwi N. Susilowati), Er I B2.4

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus stratosphericus***InaCC Number: InaCC **B518**

History: InaCC B518 ← LIPI (Made, LIPI14-3-B062) ← LIPI (Dwi N. Susilowati), Er II B2.12

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus stratosphericus***InaCC Number: InaCC **B478**

History: InaCC B478 ← LIPI (Made, LIPI14-3-B022) ← LIPI (Dwi N. Susilowati), Er I B3.1

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus stratosphericus***InaCC Number: InaCC **B492**

History: InaCC B492 ← LIPI (Made, LIPI14-3-B036) ← LIPI (Dwi N. Susilowati), Ptb I B2.2

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus stratosphericus***InaCC Number: InaCC **B514**

History: InaCC B514 ← LIPI (Made, LIPI14-3-B058) ← LIPI (Dwi N. Susilowati), Er II B2.2

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus stratosphericus***InaCC Number: InaCC **B495**

History: InaCC B495 ← LIPI (Made, LIPI14-3-B039) ← LIPI (Dwi N. Susilowati), Ptb I B2.8

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus stratosphericus***InaCC Number: InaCC **B521**

History: InaCC B521 ← LIPI (Made, LIPI14-3-B065) ← LIPI (Dwi N. Susilowati), Er II B3.3

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus stratosphericus***InaCC Number: InaCC **B527**

History: InaCC B527 ← LIPI (Made, LIPI14-3-B071) ← LIPI (Dwi N. Susilowati), Er II B3.13

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus stratosphericus***InaCC Number: InaCC **B533**

History: InaCC B533 ← LIPI (Made, LIPI14-3-B077) ← LIPI (Dwi N. Susilowati), Ptb II B1.7

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus stratosphericus***InaCC Number: InaCC **B499**

History: InaCC B499 ← LIPI (Made, LIPI14-3-B043) ← LIPI (Dwi N. Susilowati), Ptb I B3.2

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus stratosphericus***InaCC Number: InaCC **B536**

History: InaCC B536 ← LIPI (Made, LIPI14-3-B080) ← LIPI (Dwi N. Susilowati), Ptb II B2.6

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus stratosphericus***InaCC Number: InaCC **B540**

History: InaCC B540 ← LIPI (Made, LIPI14-3-B084) ← LIPI (Dwi N. Susilowati), Ptb II B3.2

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus stratosphericus***InaCC Number: InaCC **B516**

History: InaCC B516 ← LIPI (Made, LIPI14-3-B060) ← LIPI (Dwi N. Susilowati), Er II B2.4

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus stratosphericus***InaCC Number: InaCC **B520**

History: InaCC B520 ← LIPI (Made, LIPI14-3-B064) ← LIPI (Dwi N. Susilowati), Er II B3.2

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus subtilis***InaCC Number: InaCC **B1209**

History: InaCC B1209 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), BL.P2

Source of sample: *Curcuma zedoaria* (stem)  
 Locality: Experiment garden of Research Center for Biology, LIPI, Cibinong, West Java  
 Cultivation: pH 7, 30°C

***Bacillus subtilis***

InaCC Number: InaCC **B1207**  
 History: InaCC B1207 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), DL.P6  
 Source of sample: *Curcuma zedoaria* (leaves)  
 Locality: Experiment garden of Research Center for Biology, LIPI, Cibinong, West Java  
 Cultivation: pH 7, 30°C

***Bacillus subtilis***

InaCC Number: InaCC **B1204**  
 History: InaCC B1204 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), BB.S8  
 Source of sample: *Curcuma zedoaria* (stem)  
 Locality: Bojong Gede, Bogor, West Java  
 Cultivation: pH 7, 30°C

***Bacillus subtilis***

InaCC Number: InaCC **B1210**  
 History: InaCC B1210 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), RB.P1  
 Source of sample: *Curcuma zedoaria* (rhizome)  
 Locality: Bojong Gede, Bogor, West Java  
 Cultivation: pH 7, 30°C

***Bacillus subtilis***

InaCC Number: InaCC **B1443**  
 History: InaCC B1443 ← LIPI (Dian Andriani, DEA 8)  
 Source of sample: Water and polypropylene waste  
 Locality: Mangrove forest, Pantai Indah Kapuk, Jakarta  
 Cultivation: BH, pH 7, 30°C

***Bacillus subtilis***

InaCC Number: InaCC **B1448**  
 History: InaCC B1448 ← LIPI (Masrukhin, D3.3)  
 Source of sample: Straw mushroom cultivation medium

Locality: Jatisari, Karawang, West Java  
 Cultivation: NA, pH 7, 25-30°C

***Bacillus subtilis* subsp. *inaquosorum***

InaCC Number: InaCC **B843**  
 History: InaCC B843 ← LIPI (I.M. Sudiana) & NBRc (Y. Muramatsu). JSAT12-3-B004 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana) 2N  
 Source of sample: Soil  
 Locality: Kakaban Island, Indonesia  
 Cultivation: NBRC 804, 25°C

***Bacillus tequilensis***

InaCC Number: InaCC **B873**  
 History: InaCC B873 ← LIPI (I.M. Sudiana) & NBRc (Y. Muramatsu). JSAT12-3-B102 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana) 31Nc  
 Source of sample: Soil  
 Locality: Bangkirai Hill (rain forest), Balikpapan, Indonesia  
 Cultivation: NBRC 804, 25°C

***Bacillus tequilensis***

InaCC Number: InaCC **B1446**  
 History: InaCC B1446 ← LIPI (Masrukhin, C2.2)  
 Source of sample: Straw mushroom cultivation medium  
 Locality: Jatisari, Karawang, West Java  
 Cultivation: NA, pH 7, 25-30°C

***Bacillus thuringiensis***

InaCC Number: InaCC **B339**  
 History: InaCC B339 ← LIPI (E. Jusuf) ← Univ. Lausanne-Swiss (Dr. Christophe Piot) BTHDI  
 Source of sample: Collection of Institut de Genetique et de Biologie Microbiennes, Univ. Lausanne-Swiss  
 Locality: Lausanne, Swiss  
 Cultivation: NA, pH 7, 30°C

***Bacillus thuringiensis***

InaCC Number: InaCC **B1165**  
 History: InaCC B1165 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari & Siti Meliah), GTS02-9  
 Source of sample: Soil

Locality: Mt. Tambora, Kawinda Toi Regency, NTB

Cultivation: pH 7, 25-30°C

***Bacillus thuringiensis***

InaCC Number: InaCC **B432**

History: InaCC B432 ← LIPI (Tri Ratna Sulistiyani) ← LIPI (Tri Ratna Sulistiyani), RIPB2

Source of sample: Rhizome of *Curcuma zedoaria*

Locality: Garden of Medicinal plants collection of Biopharma Research Center, Bogor Agricultural University

Cultivation: NA, pH 7, 30°C

***Bacillus thuringiensis***

InaCC Number: InaCC **B13**

History: InaCC B13 ← LIPI (Agustinus Joko N) ← ICBG (Kyria et al.), 018B

Source of sample: Larva gut

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Bacillus thuringiensis***

InaCC Number: InaCC **B327**

History: InaCC B327 ← LIPI (E. Jusuf) ← IPB (R.S. Hadioetomo), MRS2115

Source of sample: Agricultural land Maros Kastitonif, 1990 agricultural pest insecticide

Locality: Maros, Indonesia

Cultivation: NA, pH 7, 30°C

***Bacillus thuringiensis***

InaCC Number: InaCC **B323**

History: InaCC B323 ← LIPI (E. Jusuf) ← Univ. Lausanne-Swiss (Dr. Christophe Piot), BTHD500

Source of sample: Collection of Institut de Genetique et de Biologie Microbiennes, Univ. Lausanne-Swiss (L-20005)

Locality: Lausanne, Swiss

Cultivation: NA, pH 7, 30°C

***Bacillus thuringiensis***

InaCC Number: InaCC **B322**

History: InaCC B322 ← LIPI (E. Jusuf) ← Puslitbangkes-Menkes (Prof. Dr. Amirul Munif), BTTHURICID

Source of sample: Commercial product sandoz (thuricid)

Locality: Sandoz, Swiss

Cultivation: NA, pH 7, 30°C

***Bacillus thuringiensis***

InaCC Number: InaCC **B321**

History: InaCC B321 ← LIPI (E. Jusuf) ← IPB (R.S. Hadioetomo), ENKB2111

Source of sample: Agricultural soil Enrekang Kastitonif, 1990 agricultural pest insecticide

Locality: Enrekang, Indonesia

Cultivation: NA, pH 7, 30°C

***Bacillus thuringiensis***

InaCC Number: InaCC **B316**

History: InaCC B316 ← LIPI (E. Jusuf) ← (Sandoz S.A), BTSAN4152

Source of sample: Collection of Institut de Genetique et de Biologie Microbiennes, Univ. Lausanne-Swiss (L-20203)

Locality: Basel, Swiss

Cultivation: NA, pH 7, 30°C

***Bacillus thuringiensis***

InaCC Number: InaCC **B314**

History: InaCC B314 ← LIPI (E. Jusuf) ← Univ. Lausanne-Swiss (Dr. Christophe Piot), BTIS-RAEL

Source of sample: Collection of Institut de Genetique et de Biologie Microbiennes, Univ. Lausanne-Swiss (L-20005)

Locality: Lausanne, Swiss

Cultivation: NA, pH 7, 30°C

***Bacillus thuringiensis***

InaCC Number: InaCC **B43**

History: InaCC B43 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), PLW1F

Source of sample: Leaf litter



Locality: Protected Forest Papalia, South Konawe  
Cultivation: NA/TSA, pH 7, 30°C

***Bacillus toyonensis***

InaCC Number: InaCC **B50**  
History: InaCC B50 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), MKS1B  
Source of sample: Soil  
Locality: Protected Forest Mekongga, Tinukari, North Kolaka  
Cultivation: NA/TSA, pH 7, 30°C

***Bacillus vallismortis***

InaCC Number: InaCC **B489**  
History: InaCC B489 ← LIPI (Made, LIPI14-3-B033) ← LIPI (Dwi N. Susilowati), Er I B3.16  
Source of sample: Rice rhizosphere soil (pot experiment)  
Locality: Eretan Kulon, Kandang-Haur, Indramayu  
Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus vallismortis***

InaCC Number: InaCC **B484**  
History: InaCC B484 ← LIPI (Made, LIPI14-3-B028) ← LIPI (Dwi N. Susilowati), Er I B3.8  
Source of sample: Rice rhizosphere soil (pot experiment)  
Locality: Eretan Kulon, Kandang-Haur, Indramayu  
Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Bacillus wiedmannii***

InaCC Number: InaCC **B1455**  
History: InaCC B1455 ← LIPI (Tri Ratna S, SSL01.1)  
Source of sample: Soil and plant rhizosphere, collected under the yellow flamboyant tree (*Peltophorum pterocarpum*)  
Locality: Kuta Village, Pujut District, Central Lombok Regency, West Nusa Tenggara  
Cultivation: NA, pH 7, 28°C

***Bifidobacterium sp.***

InaCC Number: InaCC **B661**  
History: InaCC B661 ← LIPI (Rohmatussolihat, LIPI13-2-LAB041) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 61M06-3  
Source of sample: Tauco  
Locality: Gianyar, Bali  
Cultivation: TSYE, 30°C

***Bifidobacterium sp.***

InaCC Number: InaCC **B723**  
History: InaCC B723 ← LIPI (Rohmatussolihat, LIPI13-2-LAB143) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 80S07-9  
Source of sample: Dadih  
Locality: Bukittinggi, West Sumatra  
Cultivation: TSYE, 30°C

***Bifidobacterium sp.***

InaCC Number: InaCC **B741**  
History: InaCC B741 ← LIPI (Rohmatussolihat, LIPI13-2-LAB182) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 89S07-5  
Source of sample: Dadih  
Locality: Bukittinggi, West Sumatra  
Cultivation: TSYE, 30°C

***Bifidobacterium sp.***

InaCC Number: InaCC **B748**  
History: InaCC B748 ← LIPI (Rohmatussolihat, LIPI13-2-LAB194) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 90S07-11  
Source of sample: Dadih  
Locality: Bukittinggi, West Sumatra  
Cultivation: TSYE, 30°C

***Bosea massiliensis***

InaCC Number: InaCC **B1216**  
History: InaCC B1216 ← LIPI (Ruby Setiawan) ← LIPI (Ruby Setiawan), SB004  
Source of sample: Hot springs water  
Locality: Kole, Rambusaratu Village, Mamasa, West Sulawesi  
Cultivation: pH 7, 30°C

***Bosea thiooxidans***

InaCC Number: InaCC **B1206**

History: InaCC B1206 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), RB.S5

Source of sample: *Curcuma zedoaria* (rhizome)

Locality: Bojong Gede, Bogor, West Java

Cultivation: pH 7, 30°C

***Brachy bacterium paraconglomeratum***

InaCC Number: InaCC **B1267**

History: InaCC B1267 ← LIPI (Siti Meliah & Tri Ratna Sulistiani), BTIL4

Source of sample: Stem of sorghum plant (*Sorghum bicolor*)

Locality: Ecological Park, CSC Cibinong, West Java

Cultivation: Nutrient broth, pH 7, 25-30°C

***Brevibacillus brevis***

InaCC Number: InaCC **B1446**

History: InaCC B1446 ← LIPI (Dian Andriani, DEA 13)

Source of sample: Sediment

Locality: Muara Angke, Jakarta

Cultivation: BH, pH 7, 30°C

***Brevibacillus formosus***

InaCC Number: InaCC **B1471**

History: InaCC B1471 ← LIPI (Tri Ratna S, SSL05.2)

Source of sample: Soil and plant rhizosphere, collected under the cacao tree (*Theobroma cacao*)

Locality: Trenggaluh Village, Lingsar District, West Lombok Regency, West Nusa Tenggara

Cultivation: NA, pH 7, 28°C

***Brevibacillus formosus***

InaCC Number: InaCC **B1472**

History: InaCC B1472 ← LIPI (Tri Ratna S, SSL05.3)

Source of sample: Soil and plant rhizosphere, collected under the cacao tree (*Theobroma cacao*)

Locality: Trenggaluh Village, Lingsar District, West Lombok Regency, West Nusa Tenggara

Cultivation: NA, pH 7, 28°C

***Brevibacillus parabrevis***

InaCC Number: InaCC **B1441**

History: InaCC B1441 ← LIPI (Dian Andriani, DEA 4)

Source of sample: Sediment

Locality: Muara Angke, Jakarta

Cultivation: BH, pH 7, 30°C

***Brevibacterium iodinum***

InaCC Number: InaCC **B460**

History: InaCC B460 ← LIPI (Made, LIPI14-3-B003) ← LIPI (Dwi N. Susilowati), Er I B1.3

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Brevibacterium sp.***

InaCC Number: InaCC **B45**

History: InaCC B45 ← LIPI (Agustinus Joko N.) ← LIPI (Agustinus Joko N.), PS4A

Source of sample: Soil

Locality: Protected Forest Papalia, South Konawe

Cultivation: NA/TSA, pH 7, 30°C

***Brevibacterium sp.***

InaCC Number: InaCC **B46**

History: InaCC B46 ← LIPI (Agustinus Joko N.) ← LIPI (Agustinus Joko N.), PS4G

Source of sample: Soil

Locality: Protected Forest Papalia, South Konawe

Cultivation: NA/TSA, pH 7, 30°C

***Brevibacterium sp.***

InaCC Number: InaCC **B439**

History: InaCC B439 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), S419

Source of sample: Stone

Locality: Satonda Island

Cultivation: NA/B4, pH 7, 30°C

***Brevundimonas albigilva***InaCC Number: InaCC **B1421**

History: InaCC B1421 ← LIPI (R. Setiawan), MSD1.4.10

Source of sample: Sediment

Locality: Mt. Merapi National Park Resort Cangkringan, Sleman

Cultivation: NA, pH 7, 30°C

***Brevundimonas albigilva***InaCC Number: InaCC **B1442**

History: InaCC B1442 ← LIPI (Dian Andriani, DEA 7)

Source of sample: Water

Locality: Mangrove forest, Pantai Indah Kapuk, Jakarta

Cultivation: BH, pH 7, 30°C

***Brevundimonas albigilva***InaCC Number: InaCC **B1476**

History: InaCC B1476 ← LIPI (Tri Ratna S., DT 01.10)

Source of sample: Soil of orchid *Seulogine diana*

Locality: Samosir Arboretum &amp; Botanic Garden, Tomok, North Sumatra

Cultivation: NA, pH 7, 28°C

***Brevundimonas aurantiaca***InaCC Number: InaCC **B1512**

History: InaCC B1512 ← LIPI (R. Setiawan), SALT1.0.12

Source of sample: Water

Locality: Laut Tawar Village, Simeuleu Barat, Aceh

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 28°C

***Burkholderia* sp.**InaCC Number: InaCC **B840**

History: InaCC B840 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B188a ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana), 13a

Source of sample: Root nodule of peanut (*Arachis hypogaea* Linn.)

Locality: Mt. Pancar, Bogor, Indonesia

Cultivation: NBRC 804, 25°C

***Burkholderia* sp.**InaCC Number: InaCC **B838**

History: InaCC B838 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B157 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana), 7b

Source of sample: Root nodule of kacang panjang (bean, *Vigna sinensis* Endl. Ex Hassk.)

Locality: Mt. Pancar, Bogor, Indonesia

Cultivation: NBRC 804, 25°C

***Burkholderia thailandensis***InaCC Number: InaCC **B938**

History: InaCC B938 ← A. Hosoda and S. Otsuka I2-16

Source of sample: Paddy field soil

Locality: Indramayu, Indonesia

Cultivation: 25°C

***Burkholderia arboris***InaCC Number: InaCC **B856**

History: InaCC B856 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B026a

Source of sample: Soil

Locality: Berau, Indonesia

Cultivation: NB

RC 804, 25°C

***Burkholderia arboris***InaCC Number: InaCC **B1299**

History: InaCC B1299 ← LIPI (Siti Meliah), KR06-15

Source of sample: Fluid of *Nepenthes gracilis*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A/NA, pH 7, 25-30°C

***Burkholderia arboris***InaCC Number: InaCC **B1300**

History: InaCC B1300 ← LIPI (Siti Meliah), KR07-1

Source of sample: Fluid of *Nepenthes gracilis*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A/NA, pH 7, 25-30°C

***Burkholderia arboris***

InaCC Number: InaCC **B1301**

History: InaCC B1301 ← LIPI (Siti Meliah), KR07-8

Source of sample: Fluid of *Nepenthes gracilis*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A/NA, pH 7, 25-30°C

***Burkholderia arboris***

InaCC Number: InaCC **B1302**

History: InaCC B1302 ← LIPI (Siti Meliah), KR07-25

Source of sample: Fluid of *Nepenthes gracilis*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A/NA, pH 7, 25-30°C

***Burkholderia arboris***

InaCC Number: InaCC **B1303**

History: InaCC B1303 ← LIPI (Siti Meliah), KR07-27

Source of sample: Fluid of *Nepenthes gracilis*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A/NA, pH 7, 25-30°C

***Burkholderia arboris***

InaCC Number: InaCC **B1304**

History: InaCC B1304 ← LIPI (Siti Meliah), KR15-8

Source of sample: Fluid of *Nepenthes ampullaria*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A/NA, pH 7, 25-30°C

***Burkholderia arboris***

InaCC Number: InaCC **B1305**

History: InaCC B1305 ← LIPI (Siti Meliah), KR15-12

Source of sample: Fluid of *Nepenthes ampullaria*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A/NA, pH 7, 25-30°C

***Burkholderia arboris***

InaCC Number: InaCC **B1306**

History: InaCC B1306 ← LIPI (Siti Meliah), KR15-13

Source of sample: Fluid of *Nepenthes ampullaria*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A/NA, pH 7, 25-30°C

***Burkholderia arboris***

InaCC Number: InaCC **B1307**

History: InaCC B1307 ← LIPI (Siti Meliah), KR15-14

Source of sample: Fluid of *Nepenthes ampullaria*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A/NA, pH 7, 25-30°C

***Burkholderia arboris***

InaCC Number: InaCC **B1308**

History: InaCC B1308 ← LIPI (Siti Meliah), KR15-17

Source of sample: Fluid of *Nepenthes ampullaria*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A/NA, pH 7, 25-30°C

***Burkholderia arboris***

InaCC Number: InaCC **B1309**

History: InaCC B1309 ← LIPI (Siti Meliah), KR15-20

Source of sample: Fluid of *Nepenthes ampullaria*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A/NA, pH 7, 25-30°C

***Burkholderia arboris***

InaCC Number: InaCC **B1310**

History: InaCC B1310 ← LIPI (Siti Meliah), KR15-1

Source of sample: Fluid of *Nepenthes ampullaria*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A/NA, pH 7, 25-30°C

***Burkholderia arboris***

InaCC Number: InaCC **B1311**

History: InaCC B1311 ← LIPI (Siti Meliah), KR15-5

Source of sample: Fluid of *Nepenthes ampullaria*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A/NA, pH 7, 25-30°C

***Burkholderia arboris***

InaCC Number: InaCC **B1312**

History: InaCC B1312 ← LIPI (Siti Meliah), KR15-15

Source of sample: Fluid of *Nepenthes ampullaria*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A/NA, pH 7, 25-30°C

***Burkholderia arboris***

InaCC Number: InaCC **B1313**

History: InaCC B1313 ← LIPI (Siti Meliah), KR15-16

Source of sample: Fluid of *Nepenthes ampullaria*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A / NA, pH 7, 25-30°C

***Burkholderia arboris***

InaCC Number: InaCC **B1314**

History: InaCC B1314 ← LIPI (Siti Meliah), KR15-22

Source of sample: Fluid of *Nepenthes ampullaria*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A / NA, pH 7, 25-30°C

***Burkholderia arboris***

InaCC Number: InaCC **B1315**

History: InaCC B1315 ← LIPI (Siti Meliah), KR15-23

Source of sample: Fluid of *Nepenthes ampullaria*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A / NA, pH 7, 25-30°C

***Burkholderia arboris***

InaCC Number: InaCC **B1316**

History: InaCC B1316 ← LIPI (Siti Meliah), KR15-24

Source of sample: Fluid of *Nepenthes ampullaria*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A / NA, pH 7, 25-30°C

***Burkholderia arboris***

InaCC Number: InaCC **B1367**

History: InaCC B1367 ← LIPI (Siti Meliah), KR15-25

Source of sample: Fluid of *Nepenthes ampullaria*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A / NA, pH 7, 25-30°C

***Burkholderia cenocepacia***

InaCC Number: InaCC **B431**

History: InaCC B431 ← LIPI (Tri Ratna Sulistiyani) ← LIPI (Tri Ratna Sulistiyani), RIPA1

Source of sample: Rhizome of *Curcuma zedoaria*

Locality: Garden of medicinal plants collection of Biopharma Research Center, Bogor Agricultural University

Cultivation: NA, pH 7, 30°C

***Burkholderia cenocepacia***

InaCC Number: InaCC **B868**

History: InaCC B868 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B075 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana) 26La

Source of sample: Soil

Locality: Bangkirai Hill (rain forest), Balikpapan, Indonesia

Cultivation: NBRC 804, 25°C

***Burkholderia cepacia***

InaCC Number: InaCC **B1276**

History: InaCC B1276 ← LIPI (Siti Meliah & Tri Ratna Sulistiani), ACNM5

Source of sample: Stem of sorghum plant (*Sorghum bicolor*)

Locality: Ecological Park, CSC Cibinong, West Java

Cultivation: Nutrient broth, pH 7, 25–30°C

***Burkholderia cepacia***

InaCC Number: InaCC **B1271**

History: InaCC B1271 ← LIPI (Siti Meliah & Tri Ratna Sulistiani), ACNM4

Source of sample: Stem of sorghum plant (*Sorghum bicolor*)

Locality: Ecological Park, CSC Cibinong, West Java

Cultivation: Nutrient broth, pH 7, 25–30°C

***Burkholderia cepacia***

InaCC Number: InaCC **B1272**

History: InaCC B1272 ← LIPI (Siti Meliah & Tri Ratna Sulistiani), ACNM6

Source of sample: Stem of sorghum plant (*Sorghum bicolor*)

Locality: Ecological Park, CSC Cibinong, West Java

Cultivation: Nutrient broth, pH 7, 25–30°C

***Burkholderia cepacia***

InaCC Number: InaCC **B1273**

History: InaCC B1273 ← LIPI (Siti Meliah & Tri Ratna Sulistiani), ATIM2

Source of sample: Stem of sorghum plant (*Sorghum bicolor*)

Locality: Ecological Park, CSC Cibinong, West Java

Cultivation: Nutrient broth, pH 7, 25–30°C

***Burkholderia cepacia***

InaCC Number: InaCC **B1277**

History: InaCC B1277 ← LIPI (Siti Meliah & Tri Ratna Sulistiani), ATNM4

Source of sample: Stem of sorghum plant (*Sorghum bicolor*)

Locality: Ecological Park, CSC Cibinong, West Java

Cultivation: Nutrient broth, pH 7, 25–30°C

***Burkholderia contaminans***

InaCC Number: InaCC **B1317**

History: InaCC B1317 ← LIPI (Siti Meliah), KR16-5

Source of sample: Fluid of *Nepenthes raflesiana*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A / NA, pH 7, 25–30°C

***Burkholderia metallica***

InaCC Number: InaCC **B895**

History: InaCC B895 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B190b

Source of sample: Plant (kacang panjang [bean], *Vigna sinensis*) root nodule

Locality: Mt. Pancar, Bogor, Indonesia

Cultivation: NBRC 804, 25°C

***Burkholderia multivorans***

InaCC Number: InaCC **B867**

History: InaCC B867 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B070 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana) 23La

Source of sample: Soil

Locality: Bangkirai Hill (rain forest), Balikpapan, Indonesia

Cultivation: NBRC 804, 25°C

***Burkholderia pyrrocinia***

InaCC Number: InaCC **B855**

History: InaCC B855 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B025 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana) 12Na

Source of sample: Soil

Locality: Berau, Indonesia

Cultivation: NBRC 804, 25°C

***Burkholderia rinojensis***

InaCC Number: InaCC **B1318**

History: InaCC B1318 ← LIPI (Siti Meliah), KR06-03

Source of sample: Fluid of *Nepenthes gracilis*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A / NA, pH 7, 25–30°C

***Burkholderia rinojensis***InaCC Number: InaCC **B1362**

History: InaCC B1362 ← LIPI (Siti Meliah), KR06-17

Source of sample: Fluid of *Nepenthes gracilis*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A / NA, pH 7, 25-30°C

***Burkholderia rinojensis***InaCC Number: InaCC **B1363**

History: InaCC B1363 ← LIPI (Siti Meliah), KR06-18

Source of sample: Fluid of *Nepenthes gracilis*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A / NA, pH 7, 25-30°C

***Burkholderia rinojensis***InaCC Number: InaCC **B1364**

History: InaCC B1364 ← LIPI (Siti Meliah), KR06-20

Source of sample: Fluid of *Nepenthes gracilis*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A / NA, pH 7, 25-30°C

***Burkholderia rinojensis***InaCC Number: InaCC **B1365**

History: InaCC B1365 ← LIPI (Siti Meliah), KR06-21

Source of sample: Fluid of *Nepenthes gracilis*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A / NA, pH 7, 25-30°C

***Burkholderia rinojensis***InaCC Number: InaCC **B1366**

History: InaCC B1366 ← LIPI (Siti Meliah), KR06-22

Source of sample: Fluid of *Nepenthes gracilis*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A / NA, pH 7, 25-30°C

***Burkholderia* sp.**InaCC Number: InaCC **B73**

History: InaCC B73 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), MKS19A

Source of sample: Soil

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Burkholderia* sp.**InaCC Number: InaCC **B10**

History: InaCC B10 ← LIPI (Agustinus Joko N) ← ICBG (Kyria et al.), 008D

Source of sample: Larva gut

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Burkholderia* sp.**InaCC Number: InaCC **B64**

History: InaCC B64 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), MKS10C

Source of sample: Soil

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Burkholderia tropica***InaCC Number: InaCC **B852**

History: InaCC B852 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B021 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana) 11Lc

Source of sample: Soil

Locality: Berau, Indonesia

Cultivation: NBRC 804, 25°C

***Caballeronia calidae***InaCC Number: InaCC **B1479**

History: InaCC B1479 ← LIPI (Tri Ratna S, DT 20.3)

Source of sample: Soil of simartolu plant

Locality: Samosir Arboretum &amp; Botanic Garden, Tomok, North Sumatra

Cultivation: NA, pH 7, 28°C

***Caballeronia jiangsuensis***InaCC Number: InaCC **B1477**

History: InaCC B1477 ← LIPI (Tri Ratna S, DT 03.6)

Source of sample: Soil of haumbang plant

Locality: Samosir Arboretum &amp; Botanic Garden, Tomok, North Sumatra

Cultivation: NA, pH 7, 28°C

***Caballeronia zhejiangensis***InaCC Number: InaCC **B1537**

History: InaCC B1537 ← LIPI (Masrukhin &amp; Resa Rahayu, KK06.1)

Source of sample: *Ipomoea aquatica* plantlet

Locality: Cibinong, Bogor

Cultivation: NA, pH 7, 25–30°C

***Caulobacter flavus***InaCC Number: InaCC **B1251**

History: InaCC B1251 ← LIPI (Ruby Setiawan) SB003 ← LIPI (Ruby Setiawan) HS1YWS3

Source of sample: Hot spring water

Locality: Mamasa, West Sulawesi

Cultivation: RZA, pH 7, 30°C

***Caulobacter segnis***InaCC Number: InaCC **B1215**

History: InaCC B1215 ← LIPI (Ruby Setiawan) ← LIPI (Ruby Setiawan), SB002

Source of sample: Hot springs water

Locality: Kole, Rambusaratu Village, Mamasa, West Sulawesi

Cultivation: pH 7, 30°C

***Cedecea neteri***InaCC Number: InaCC **B880**

History: InaCC B880 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B126 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana) 29-0-1L

Source of sample: Soil

Locality: Bangkirai Hill (rain forest), Balikpapan, Indonesia

Cultivation: NBRC 804, 25°C

***Cellulomonas* sp.**InaCC Number: InaCC **B813**

History: InaCC B813 ← LIPI (I Made Sudiana) &amp; Univ of Tokyo (Shigeto Otsuka, LIPI14-3-B138) ← Univ of Tokyo (Shigeto Otsuka &amp; Ayaka Hosoda), I1-45

Source of sample: Paddy field soil

Locality: Indramayu, Indonesia

Cultivation: 1/10 R2A, 25°C

***Chitinophaga filiformis***InaCC Number: InaCC **B1261**

History: InaCC B1261 ← LIPI (Siti Meliah), SMMp04.2

Source of sample: Rhizosphere *Santalum album* (10 years old)

Locality: Wanggameti Regency, Sumba, NTT

Cultivation: VY/2 + cycloheximide 25 µg/ml, pH 7, 25–30°C

***Chitinophaga filiformis***InaCC Number: InaCC **B1255**

History: InaCC B1255 ← LIPI (Siti Meliah), SMS08.1

Source of sample: Soil

Locality: Wanggameti Regency, Sumba, NTT

Cultivation: VY/2 + cycloheximide 25 µg/ml, pH 7, 25–30°C

***Chitinophaga filiformis***InaCC Number: InaCC **B1262**

History: InaCC B1262 ← LIPI (Siti Meliah), SMMp04.3

Source of sample: Rhizosphere of *Santalum album* (10 years old)

Locality: Wanggameti Regency, Sumba, NTT

Cultivation: VY/2 + cycloheximide 25 µg/ml, pH 7, 25–30°C

***Chitinophaga filiformis***InaCC Number: InaCC **B1254**

History: InaCC B1254 ← LIPI (Siti Meliah), SMS04.1



Source of sample: Rhizosphere of *Engelhardtia spicata*

Locality: Wanggameti Regency, Sumba, NTT

Cultivation: VY/2 + cycloheximide 25 µg/ml, pH 7, 25–30°C

***Chitinophaga ginsengisoli***

InaCC Number: InaCC **B1256**

History: InaCC B1256 ← LIPI (Siti Meliah), SMCv06.1

Source of sample: Soil

Locality: Wanggameti Regency, Sumba, NTT

Cultivation: VY/2 + cycloheximide 25 µg/ml, pH 7, 25–30°C

***Chitinophaga ginsengisoli***

InaCC Number: InaCC **B1257**

History: InaCC B1257 ← LIPI (Siti Meliah), SMDw08.1

Source of sample: Decay wood

Locality: Wanggameti Regency, Sumba, NTT

Cultivation: VY/2 + cycloheximide 25 µg/ml, pH 7, 25–30°C

***Chitinophaga pinensis***

InaCC Number: InaCC **B1259**

History: InaCC B1259 ← LIPI (Siti Meliah), SMS01.3

Source of sample: Rhizosphere of *Podocarpus rumpii*

Locality: Wanggameti Regency, Sumba, NTT

Cultivation: VY/2 + cycloheximide 25 µg/ml, pH 7, 25–30°C

***Chitinophaga pinensis***

InaCC Number: InaCC **B1260**

History: InaCC B1260 ← LIPI (Siti Meliah), SMS08.2

Source of sample: Soil

Locality: Wanggameti Regency, Sumba, NTT

Cultivation: VY/2 + cycloheximide 25 µg/ml, pH 7, 25–30°C

***Chitinophaga pinensis***

InaCC Number: InaCC **B1258**

History: InaCC B1258 ← LIPI (Siti Meliah), SMS01.1

Source of sample: Rhizosphere of *Podocarpus rumpii*

Locality: Wanggameti Regency, Sumba, NTT

Cultivation: VY/2 + cycloheximide 25 µg/ml, pH 7, 25–30°C

***Chitinophaga sancti***

InaCC Number: InaCC **B1264**

History: InaCC B1264 ← LIPI (Siti Meliah), SMMp05.3

Source of sample: Rhizosphere of *Santalum album* (20 years old)

Locality: Wanggameti Regency, Sumba, NTT

Cultivation: VY/2 + cycloheximide 25 µg/ml, pH 7, 25–30°C

***Chitinophaga sancti***

InaCC Number: InaCC **B1263**

History: InaCC B1263 ← LIPI (Siti Meliah), SMMp05.2

Source of sample: Rhizosphere of *Santalum album* (20 years old)

Locality: Wanggameti Regency, Sumba, NTT

Cultivation: VY/2 + cycloheximide 25 µg/ml, pH 7, 25–30°C

***Chromobacterium alkanivorans***

InaCC Number: InaCC **B1433**

History: InaCC B1433 ← LIPI (Sri Widawati, Suliasih & Elly Kristiati Agustin, DM1)

Source of sample: Red leaf of *Mitragyna speciosa*

Locality: Pontianak, West Kalimantan

Cultivation: NA, pH 7, 28°C

***Chromobacterium alkanivorans***

InaCC Number: InaCC **B1436**

History: InaCC B1436 ← LIPI (Sri Widawati, Suliasih & Elly Kristiati Agustin, BP 1)

Source of sample: Midrib of white leaf of *Mitragyna speciosa*

Locality: Pontianak, West Kalimantan

Cultivation: NA, pH 7, 28°C

***Chromobacterium vaccinii***

InaCC Number: InaCC **B1369**

History: InaCC B1369 ← LIPI (Siti Meliah), KR15-11

Source of sample: Fluid of *Nepenthes ampullaria*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A / NA, pH 7, 25-30°C

***Chromobacterium violaceum***

InaCC Number: InaCC **B1437**

History: InaCC B1437 ← LIPI (Sri Widawati, Suliasih & Elly Kristiati Agustin, LB1)

Source of sample: Rhizosphere of kratom tree

Locality: Pontianak, West Kalimantan

Cultivation: NA, pH 7, 28°C

***Chryseobacterium sp.***

InaCC Number: InaCC **B446**

History: InaCC B446 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), S316

Source of sample: Sand

Locality: Depok Beach, Yogyakarta

Cultivation: NA/B4, pH 7, 30°C

***Chryseomicrobium amylolyticum***

InaCC Number: InaCC **B1110**

History: InaCC B1110 ← LIPI (Arif Nurkanto, LIPI14-2-Ac136) ← NBRC (Moriyuki Hamada), BSe9-9

Source of sample: Sediment, sandy beach, near river

Locality: Lovina Beach, Indonesia

Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Chryseobacterium indologenes***

InaCC Number: InaCC **B893**

History: InaCC B893 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B186b

Source of sample: Plant (kacang panggang (bean), *Vigna sinensis*) root nodule

Locality: Mt. Pancar, Bogor, Indonesia

Cultivation: NBRC 804, 25°C

***Citrobacter bitternis***

InaCC Number: InaCC **B1452**

History: InaCC B1452 ← LIPI (Masrukhin, PS. CBN 1.1)

Source of sample: Infected banana stem

Locality: Cibinong, Bogor, Indonesia

Cultivation: NA, pH 7, 30°C

***Citrobacter farmeri***

InaCC Number: InaCC **B896**

History: InaCC B896 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B191b

Source of sample: Plant (kacang panggang (bean), *Vigna sinensis*), root nodule

Locality: Mt. Pancar, Bogor, Indonesia

Cultivation: NBRC 804, 25°C

***Citrobacter farmeri***

InaCC Number: InaCC **B862**

History: InaCC B862 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B051 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana) 19Na

Source of sample: Soil

Locality: Wain River, Balikpapan, Indonesia

Cultivation: NBRC 804, 25°C

***Citrobacter freundii***

InaCC Number: InaCC **B1195**

History: InaCC B1195 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), B.I.S.A4

Source of sample: *Curcuma zedoaria* (stem)

Locality: Garden of medicinal collections of Biopharmaca research center, IPB, Dramaga, Bogor, West Java

Cultivation: pH 7, 30°C

***Citrobacter freundii***

InaCC Number: InaCC **B532**

History: InaCC B532 ← LIPI (Made, LIPI14-3-B076) ← LIPI (Dwi N. Susilowati), Ptb II B1.6

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Citrobacter freundii***

InaCC Number: InaCC **B534**

History: InaCC B534 ← LIPI (Made, LIPI14-3-B078) ← LIPI (Dwi N. Susilowati), Ptb II B2.3

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Citrobacter youngae***

InaCC Number: InaCC **B890**

History: InaCC B890 ← LIPI (I.M. Sudiana) & NBRc (Y. Muramatsu). JSAT12-3-B173b

Source of sample: Plant (kacang panggang (bean), *Vigna sinensis*), root nodule

Locality: Mt. Pancar, Bogor, Indonesia

Cultivation: NBRC 804, 25°C

***Cobetia amphilecti***

InaCC Number: InaCC **B1529**

History: InaCC B1529 ← LIPI (R.Setiawan), TYSSd-2.J.4.11

Source of sample: Sea water sediment

Locality: Saumlaki

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Cobetia amphilecti***

InaCC Number: InaCC **B1530**

History: InaCC B1530 ← LIPI (R.Setiawan), TYSSd-2.J.4.18

Source of sample: Sea water sediment

Locality: Saumlaki

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Cobetia marina***

InaCC Number: InaCC **B1337**

History: InaCC B1337 ← LIPI (Ruby Setiawan), KR43\_4.2

Source of sample: Sea Water

Locality: Pongkar Village, Karimun District, Riau Islands

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Cobetia marina***

InaCC Number: InaCC **B1338**

History: InaCC B1338 ← LIPI (Ruby Setiawan), KR43\_3.4

Source of sample: Sea Water

Locality: Pongkar Village, Karimun District, Riau Islands

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Cobetia marina***

InaCC Number: InaCC **B1339**

History: InaCC B1339 ← LIPI (Ruby Setiawan), KR43\_3.2

Source of sample: Sea Water

Locality: Pongkar Village, Karimun District, Riau Islands

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Cobetia pacifica***

InaCC Number: InaCC **B1528**

History: InaCC B1528 ← LIPI (R.Setiawan), TYSSd-2.J.3.7

Source of sample: Sea water sediment

Locality: Saumlaki

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Comamonas testosteroni***

InaCC Number: InaCC **B885**

History: InaCC B885 ← LIPI (I.M. Sudiana) & NBRc (Y. Muramatsu). JSAT12-3-B141b

Source of sample: Putri malu (*Mimosa pudica*) root nodule

Locality: Mt. Pancar, Bogor, Indonesia

Cultivation: NBRC 804, 25°C

***Corallococcus exiguus***InaCC Number: InaCC **B1480**

History: InaCC B1480 ← LIPI (Siti Meliah, DT05-KS1)

Source of sample: Decaying wood

Locality: Arboretum Samosir, North Sumatra

Cultivation: VY/2, pH 7, 30°C

***Corallococcus exiguus***InaCC Number: InaCC **B1489**

History: InaCC B1489 ← LIPI (Siti Meliah, TE08-TB1)

Source of sample: Soil

Locality: Taman Eden 100, North Sumatra

Cultivation: VY/2, pH 7, 30°C

***Corallococcus exiguus***InaCC Number: InaCC **B1490**

History: InaCC B1490 ← LIPI (Siti Meliah, TE08-TB2)

Source of sample: Soil

Locality: Taman Eden 100, North Sumatra

Cultivation: VY/2, pH 7, 30°C

***Corallococcus exiguus***InaCC Number: InaCC **B1491**

History: InaCC B1491 ← LIPI (Siti Meliah, TE08-TB4)

Source of sample: Soil

Locality: Taman Eden 100, North Sumatra

Cultivation: VY/2, pH 7, 30°C

***Corallococcus exiguus***InaCC Number: InaCC **B1492**

History: InaCC B1492 ← LIPI (Siti Meliah, TE08-TB6)

Source of sample: Soil

Locality: Taman Eden 100, North Sumatra

Cultivation: VY/2, pH 7, 30°C

***Corallococcus exiguus***InaCC Number: InaCC **B1496**

History: InaCC B1496 ← LIPI (Siti Meliah, TE29-TS1)

Source of sample: Soil

Locality: Taman Eden 100, North Sumatra

Cultivation: VY/2, pH 7, 30°C

***Corallococcus exiguus***InaCC Number: InaCC **B1499**

History: InaCC B1499 ← LIPI (Siti Meliah, TE08-TB3)

Source of sample: Soil

Locality: Taman Eden 100, North Sumatra

Cultivation: VY/2, pH 7, 30°C

***Corallococcus exiguus***InaCC Number: InaCC **B1500**

History: InaCC B1500 ← LIPI (Siti Meliah, KR39b.1)

Source of sample: Soil

Locality: Ex-copper mining area, Karimun Besar, Riau Islands

Cultivation: VY/2, pH 7, 30°C

***Corallococcus exiguus***InaCC Number: InaCC **B1502**

History: InaCC B1502 ← LIPI (Siti Meliah, SLU3.2)

Source of sample: Soil (karst)

Locality: Air Pinang, East Simeulue, Aceh

Cultivation: VY/2, pH 7, 30°C

***Corallococcus exiguus***InaCC Number: InaCC **B1503**

History: InaCC B1503 ← LIPI (Siti Meliah, SLU3.3)

Source of sample: Soil (karst)

Locality: Air Pinang, East Simeulue, Aceh

Cultivation: VY/2, pH 7, 30°C

***Corallococcus exiguus***InaCC Number: InaCC **B1504**

History: InaCC B1504 ← LIPI (Siti Meliah, SLU3.7)

Source of sample: Soil (karst)

Locality: Air Pinang, East Simeulue, Aceh

Cultivation: VY/2, pH 7, 30°C

***Cupriavidus metallidurans***InaCC Number: InaCC **B1270**

History: InaCC B1270 ← LIPI (Siti Meliah &amp; Tri Ratna Sulistiani), ACIL1

Source of sample: Stem of sorghum plant (*Sorghum bicolor*)

Locality: Ecological Park, CSC Cibinong, West Java

Cultivation: Nutrient broth, pH 7, 25–30°C

***Cupriavidus metallidurans***InaCC Number: InaCC **B1289**

History: InaCC B1289 ← LIPI (Tri Ratna Sulistiani), SMKL5

Source of sample: Kahili (*Pittosporum moluccanum*) leaves

Locality: Wanggameti Village, NTT

Cultivation: NA, pH 7, 30°C

***Cupriavidus* sp.**InaCC Number: InaCC **B71**

History: InaCC B71 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), MKS15C

Source of sample: Soil

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Cupriavidus* sp.**InaCC Number: InaCC **B47**

History: InaCC B47 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), PS5A

Source of sample: Soil

Locality: Protected Forest Papalia, South Konawe

Cultivation: NA/TSA, pH 7, 30°C

***Curtobacterium oceanosedimentum***InaCC Number: InaCC **B1288**

History: InaCC B1288 ← LIPI (Tri Ratna S.), SMKL4

Source of sample: Kahili (*Pittosporum moluccanum*) leaves

Locality: Wanggameti Village, NTT

Cultivation: NA, pH 7, 30°C

***Curtobacterium oceanosedimentum***InaCC Number: InaCC **B1290**

History: InaCC B1290 ← LIPI (Tri Ratna S.), SMKFr1

Source of sample: Kahili (*Pittosporum moluccanum*) fruit

Locality: Wanggameti Village, NTT

Cultivation: NA, pH 7, 30°C

***Cystobacter velatus***InaCC Number: InaCC **B1493**

History: InaCC B1493 ← LIPI (Siti Meliah, TE09-TB2)

Source of sample: Soil

Locality: Taman Eden 100, North Sumatra

Cultivation: VY/2, pH 7, 30°C

***Cystobacter velatus***InaCC Number: InaCC **B1494**

History: InaCC B1494 ← LIPI (Siti Meliah, TE09-TB4)

Source of sample: Soil

Locality: Taman Eden 100, North Sumatra

Cultivation: VY/2, pH 7, 30°C

***Cystobacter velatus***InaCC Number: InaCC **B1495**

History: InaCC B1495 ← LIPI (Siti Meliah, TE19-TB1)

Source of sample: Soil

Locality: Taman Eden 100, North Sumatra

Cultivation: VY/2, pH 7, 30°C

***Dechloromonas* sp.**InaCC Number: InaCC **B923**

History: InaCC B923 ← K.Mogi &amp; I.M. Sudiana, inp-37s

Source of sample: Paddy field soil

Locality: Bogor, Indonesia

Cultivation: 25°C

***Dechloromonas* sp.**InaCC Number: InaCC **B943**

History: InaCC B943 ← A. Hosoda and S. Otsuka T2-16

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Dechloromonas* sp.**

InaCC Number: InaCC **B939**

History: InaCC B939 ← A. Hosoda and S. Otsuka SB--43

Source of sample: Paddy field soil

Locality: Surabaya, Indonesia

Cultivation: 25°C

***Dechloromonas* sp.**

InaCC Number: InaCC **B944**

History: InaCC B944 ← A. Hosoda and S. Otsuka RB-33

Source of sample: Paddy field soil

Locality: Rambut Siwi, Indonesia

Cultivation: 25°C

***Dechloromonas* sp.**

InaCC Number: InaCC **B942**

History: InaCC B942 ← A. Hosoda and S. Otsuka SB-31

Source of sample: Paddy field soil

Locality: Surabaya, Indonesia

Cultivation: 25°C

***Dechloromonas* sp.**

InaCC Number: InaCC **B941**

History: InaCC B941 ← A. Hosoda and S. Otsuka I2-2

Source of sample: Paddy field soil

Locality: Indramayu, Indonesia

Cultivation: 25°C

***Dechloromonas* sp.**

InaCC Number: InaCC **B940**

History: InaCC B940 ← A. Hosoda and S. Otsuka RB-48

Source of sample: Paddy field soil

Locality: Rambut Siwi, Indonesia

Cultivation: 25°C

***Diaphorobacter* sp.**

InaCC Number: InaCC **B908**

History: InaCC B908 ← K.Mogi & I.M. Sudiana, inp-1

Source of sample: Paddy field soil

Locality: Bogor, Indonesia

Cultivation: 25°C

***Edaphobacillus lindanitolerans***

InaCC Number: InaCC **B1087**

History: InaCC B1087 ← LIPI (Arif Nurkanto, LIPI13-2-Ac169) ← NBRC (Moriyuki Hamada), RS-10-8

Source of sample: Rhizosphere soil

Locality: Rambut Island, Seribu Islands, Indonesia

Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Ensifer adhaerens***

InaCC Number: InaCC **B1176**

History: InaCC B1176 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari & Siti Meliah), GTS08-1

Source of sample: Soil

Locality: Mt. Tambora, Kawinda Toi Regency, NTB

Cultivation: pH 7, 25-30°C

***Ensifer* sp.**

InaCC Number: InaCC **B901**

History: InaCC B901 ← K.Mogi & I.M. Sudiana, inp-8

Source of sample: Paddy field soil

Locality: Bogor, Indonesia

Cultivation: 25°C

***Enterobacter aerogenes***

InaCC Number: InaCC **B865**

History: InaCC B865 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B063 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana) 21Lc

Source of sample: Soil

Locality: Bangkirai Hill (rain forest), Balikpapan, Indonesia

Cultivation: NBRC 804, 25°C

***Enterobacter asburiae***InaCC Number: InaCC **B65**

History: InaCC B65 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), MKS11D

Source of sample: Soil

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Enterobacter asburiae***InaCC Number: InaCC **B1189**

History: InaCC B1189 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), BK1

Source of sample: *Curcuma heyneana* (stem)

Locality: Bogor Botanical Garden, Bogor, West Java

Cultivation: pH 7, 30°C

***Enterobacter asburiae***InaCC Number: InaCC **B853**

History: InaCC B853 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B022 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana) 11Na

Source of sample: Soil

Locality: Berau, Indonesia

Cultivation: NBRC 804, 25°C

***Enterobacter cancerogeneus***InaCC Number: InaCC **B886**

History: InaCC B886 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B143 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana) 5a

Source of sample: Plant (kacang panjang (bean), *Vigna sinensis*), root nodule

Locality: Mt. Pancar, Bogor, Indonesia

Cultivation: NBRC 804, 25°C

***Enterobacter cloacae***InaCC Number: InaCC **B498**

History: InaCC B498 ← LIPI (Made, LIPI14-3-B042) ← LIPI (Dwi N. Susilowati), Ptb I B3.1

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Enterobacter cloacae***InaCC Number: InaCC **B523**

History: InaCC B523 ← LIPI (Made, LIPI14-3-B067) ← LIPI (Dwi N. Susilowati), Er II B3.5

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Enterobacter cloacae subsp. dissolvens***InaCC Number: InaCC **B864**

History: InaCC B864 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B058 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana) 20Nb

Source of sample: Soil

Locality: Wain River, Balikpapan, Indonesia

Cultivation: NBRC 804, 25°C

***Enterobacter cloacae subsp. dissolvens***InaCC Number: InaCC **B892**

History: InaCC B892 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B184a

Source of sample: Plant (kacang panjang (bean), *Vigna sinensis*), root nodule

Locality: Mt. Pancar, Bogor, Indonesia

Cultivation: NBRC 804, 25°C

***Enterobacter hormaechei***InaCC Number: InaCC **B891**

History: InaCC B891 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B176 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana) 11a

Source of sample: Plant (kacang panjang (bean), *Vigna sinensis*), root nodule

Locality: Mt. Pancar, Bogor, Indonesia

Cultivation: NBRC 804, 25°C

***Enterobacter hormaechei***InaCC Number: InaCC **B38**

History: InaCC B38 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), PLeW4C

Source of sample: Leaf

Locality: Protected Forest Papalia, South Konawe

Cultivation: NA/TSA, pH 7, 30°C

***Enterobacter hormaechei***InaCC Number: InaCC **B884**

History: InaCC B884 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B140 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana) 3a

Source of sample: Plant (Putri malu, *Mimosa pudica*) root nodule

Locality: Mt. Pancar, Bogor, Indonesia

Cultivation: NBRC 804, 25°C

Cultivation: NA/TSA, pH 7, 30°C

***Enterobacter mori***InaCC Number: InaCC **B854**

History: InaCC B854 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B024 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana) 12Lb

Source of sample: Soil

Locality: Berau, Indonesia

Cultivation: NBRC 804, 25°C

***Enterobacter sp.***InaCC Number: InaCC **B20**

History: InaCC B20 ← LIPI (Agustinus Joko N) ← ICBG (Kyria et al.), 033P1B

Source of sample: Larva gut

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Enterobacter radicincitans***InaCC Number: InaCC **B31**

History: InaCC B31 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), 115ASD

Source of sample: Soil

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Enterobacter sp.***InaCC Number: InaCC **B48**

History: InaCC B48 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), PS5H

Source of sample: Soil

Locality: Protected Forest Papalia, South Konawe

Cultivation: NA/TSA, pH 7, 30°C

***Enterobacter soli***InaCC Number: InaCC **B869**

History: InaCC B869 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B083 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana) 28Lb

Source of sample: Soil

Locality: Bangkirai Hill (rain forest), Balikpapan, Indonesia

Cultivation: NBRC 804, 25°C

***Enterobacter sp.***InaCC Number: InaCC **B837**

History: InaCC B837 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B153 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana), 6b

Source of sample: Root nodule of kacang panggang (bean, *Vigna sinensis* Endl. Ex Hassk.)

Locality: Mt. Pancar, Bogor, Indonesia

Cultivation: NBRC 804, 25°C

***Enterobacter tabaci***InaCC Number: InaCC **B1285**

History: InaCC B1285 ← LIPI (Tri Ratna S), SMKZR2

Source of sample: SMKZR2

Locality: Ramuk Village, NTT

Cultivation: NA, pH 7, 30°C

***Enterobacter sp.***InaCC Number: InaCC **B30**

History: InaCC B30 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), 110ASI

Source of sample: Soil

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

***Enterococcus durans***InaCC Number: InaCC **B132**

History: InaCC B132 ← LIPI (Y. Widyastuti), D52

Source of sample: Chinese cabagge flower

Locality: Dieng, Indonesia



Cultivation: MRS

***Enterococcus durans***

InaCC Number: InaCC **B209**

History: InaCC B209 ← LIPI (Y. Widyastuti), 1B212

Source of sample: Sirsak (*Annona muricata*)

Locality: Cibinong, Indonesia

Cultivation: MRS

***Enterococcus durans***

InaCC Number: InaCC **B195**

History: InaCC B195 ← LIPI (Y. Widyastuti), 1B53

Source of sample: Palm oil flower fruit

Locality: Cibinong, Indonesia

Cultivation: MRS

***Enterococcus durans***

InaCC Number: InaCC **B183**

History: InaCC B183 ← LIPI (Y. Widyastuti), 1B51

Source of sample: Oil palm (fruit)

Locality: Cibinong, Indonesia

Cultivation: MRS

***Enterococcus faecalis***

InaCC Number: InaCC **B231**

History: InaCC B231 ← LIPI (Y. Widyastuti), DURIAN

Source of sample: Durian (*Durio zibethinus*)

Locality: Bogor, Indonesia

Cultivation: MRS, pH 6, 30°C

***Enterococcus faecalis***

InaCC Number: InaCC **B172**

History: InaCC B172 ← LIPI (Y. Widyastuti), Y62

Source of sample: Salak pondoh (*Salacca zalacca*)

Locality: Yogyakarta, Indonesia

Cultivation: MRS

***Enterococcus faecalis***

InaCC Number: InaCC **B169**

History: InaCC B169 ← LIPI (Y. Widyastuti), 4B11

Source of sample: Tofu

Locality: Cibinong, Indonesia

Cultivation: MRS

***Enterococcus faecalis***

InaCC Number: InaCC **B306**

History: InaCC B306 ← LIPI (Y. Widyastuti), DR42

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Enterococcus faecalis***

InaCC Number: InaCC **B197**

History: InaCC B197 ← LIPI (Y. Widyastuti), 1B2013(2)

Source of sample: Srikaya fruit (*Annona squamosa* L.)

Locality: Cibinong, Indonesia

Cultivation: MRS

***Enterococcus faecalis***

InaCC Number: InaCC **B134**

History: InaCC B134 ← LIPI (Y. Widyastuti), DR111

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Enterococcus faecalis***

InaCC Number: InaCC **B180**

History: InaCC B180 ← LIPI (Y. Widyastuti), 4B9 (2)

Source of sample: Soft koji

Locality: Bogor, Indonesia

Cultivation: MRS, pH 6, 30°C

***Enterococcus faecalis***

InaCC Number: InaCC **B311**

History: InaCC B311 ← LIPI (Y. Widyastuti), DR112

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Enterococcus faecium***

InaCC Number: InaCC **B184**

History: InaCC B184 ← LIPI (Y. Widyastuti), 1B112

Source of sample: Avocado flower

Locality: Cibinong, Indonesia

Cultivation: MRS

***Enterococcus faecium***

InaCC Number: InaCC **B279**

History: InaCC B179 ← LIPI (Y. Widyastuti), 7A2

Source of sample: Tempe

Locality: Bogor, Indonesia

Cultivation: MRS

***Enterococcus faecium***

InaCC Number: InaCC **B191**

History: InaCC B191 ← LIPI (Y. Widyastuti), 1B111

Source of sample: Avocado fruit

Locality: Cibinong, Indonesia

Cultivation: MRS

***Enterococcus faecium***

InaCC Number: InaCC **B228**

History: InaCC B228 ← LIPI (Y. Widyastuti), 1B113

Source of sample: Avocado flower

Locality: Cibinong, Indonesia

Cultivation: MRS

***Enterococcus faecium***

InaCC Number: InaCC **B230**

History: InaCC B230 ← LIPI (Y. Widyastuti), 1B122

Source of sample: Tiny Balinese citrus fruit (*Citrus grandis*)

Locality: Cibinong, Indonesia

Cultivation: MRS

***Enterococcus faecium***

InaCC Number: InaCC **B292**

History: InaCC B292 ← LIPI (Y. Widyastuti), DR122

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Enterococcus faecium***

InaCC Number: InaCC **B175**

History: InaCC B175 ← LIPI (Y. Widyastuti), 4B4

Source of sample: Salt soaked soybean

Locality: Cibinong, Indonesia

Cultivation: MRS

***Enterococcus faecium***

InaCC Number: InaCC **B185**

History: InaCC B185 ← LIPI (Y. Widyastuti), 4B9

Source of sample: Soft koji

Locality: Cibinong, Indonesia

Cultivation: MRS

***Enterococcus faecium***

InaCC Number: InaCC **B282**

History: InaCC B282 ← LIPI (Y. Widyastuti), 1B193

Source of sample: Bauhinia flower

Locality: Cibinong, Indonesia

Cultivation: MRS

***Enterococcus faecium***

InaCC Number: InaCC **B120**

History: InaCC B120 ← LIPI (Y. Widyastuti), DR241

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Enterococcus faecium***

InaCC Number: InaCC **B174**

History: InaCC B174 ← LIPI (Y. Widyastuti), 4B7

Source of sample: Soft koji  
 Locality: Cibinong, Indonesia  
 Cultivation: MRS

***Enterococcus faecium***

InaCC Number: InaCC **B243**  
 History: InaCC B243 ← LIPI (Y. Widyastuti), 7A3  
 Source of sample: Tempeh  
 Locality: Bogor, Indonesia  
 Cultivation: MRS

***Enterococcus faecium***

InaCC Number: InaCC **B296**  
 History: InaCC B296 ← LIPI (Y. Widyastuti), DSB62  
 Source of sample: Dadih (fermented milk)  
 Locality: Baringin, Indonesia  
 Cultivation: MRS

***Enterococcus faecium***

InaCC Number: InaCC **B170**  
 History: InaCC B170 ← LIPI (Y. Widyastuti), 1B21  
 Source of sample: Sirsak fruit (*Annona muricata*)  
 Locality: Cibinong, Indonesia  
 Cultivation: MRS

***Enterococcus faecium***

InaCC Number: InaCC **B196**  
 History: InaCC B196 ← LIPI (Y. Widyastuti), 1B141  
 Source of sample: Mangosteen (*Garcinia mangostana*)  
 Locality: Cibinong, Indonesia  
 Cultivation: MRS

***Enterococcus gilvus***

InaCC Number: InaCC **B189**  
 History: InaCC B189 ← LIPI (Y. Widyastuti), 1B52  
 Source of sample: Oil palm (fruit)  
 Locality: Cibinong, Indonesia  
 Cultivation: MRS

***Enterococcus hirae***

InaCC Number: InaCC **B177**  
 History: InaCC B177 ← LIPI (Y. Widyastuti), Y82  
 Source of sample: Salak pondoh (*Salacca zalacca*)  
 Locality: Yogyakarta, Indonesia  
 Cultivation: MRS

***Enterococcus hirae***

InaCC Number: InaCC **B164**  
 History: InaCC B164 ← LIPI (Y. Widyastuti), DR183  
 Source of sample: Dadih (Fermented milk)  
 Locality: Pekanbaru, Indonesia  
 Cultivation: MRS

***Enterococcus hirae***

InaCC Number: InaCC **B199**  
 History: InaCC B199 ← LIPI (Y. Widyastuti), Y61  
 Source of sample: Salak pondoh (*Salacca zalacca*)  
 Locality: Yogyakarta, Indonesia  
 Cultivation: MRS

***Enterococcus hirae***

InaCC Number: InaCC **B181**  
 History: InaCC B181 ← LIPI (Y. Widyastuti), Y81  
 Source of sample: Salak pondoh (*Salacca zalacca*)  
 Locality: Yogyakarta, Indonesia  
 Cultivation: MRS

***Enterococcus hirae***

InaCC Number: InaCC **B204**  
 History: InaCC B204 ← LIPI (Y. Widyastuti), D51  
 Source of sample: Mustard flower (*Brassica juncea*)  
 Locality: Dieng, Indonesia  
 Cultivation: MRS

***Enterococcus hirae***

InaCC Number: InaCC **B280**  
 History: InaCC B280 ← LIPI (Y. Widyastuti), 4A1

Source of sample: Avocado  
 Locality: Bogor, Indonesia  
 Cultivation: MRS

***Enterococcus italicus***

InaCC Number: InaCC **B233**  
 History: InaCC B233 ← LIPI (Y. Widyastuti), 034  
 Source of sample: Cow jerked meat  
 Locality: Bogor, Indonesia  
 Cultivation: MRS, pH 6, 30°C

***Enterococcus sp.***

InaCC Number: InaCC **B642**  
 History: InaCC B642 ← LIPI (Rohmatussolihat, LIPI13-2-LAB008) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 54ET06-1  
 Source of sample: Terasi  
 Locality: Sukawati, Bali  
 Cultivation: TSYE, 30°C

***Enterococcus sp.***

InaCC Number: InaCC **B686**  
 History: InaCC B686 ← LIPI (Rohmatussolihat, LIPI13-2-LAB078) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 73M06-3  
 Source of sample: Dadih  
 Locality: Solok, West Sumatra  
 Cultivation: MRS, 30°C

***Enterococcus sp.***

InaCC Number: InaCC **B599**  
 History: InaCC B599 ← LIPI (Rohmatussolihat, LIPI12-2-LAB101) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 27T06-6  
 Source of sample: Red oncom (fermented okara)  
 Locality: Anyar Market, Bogor, West Java  
 Cultivation: MRS, 30°C

***Enterococcus sp.***

InaCC Number: InaCC **B188**  
 History: InaCC B188 ← LIPI (Y. Widyastuti), 1B71  
 Source of sample: Banana (*Musa sp.*) flower  
 Locality: Cibinong, Indonesia

Cultivation: MRS

***Enterococcus sp.***

InaCC Number: InaCC **B236**  
 History: InaCC B236 ← LIPI (Y. Widyastuti), L12  
 Source of sample: Imba leaf  
 Locality: Lombok, Indonesia  
 Cultivation: MRS, pH 6, 30°C

***Enterococcus sp.***

InaCC Number: InaCC **B656**  
 History: InaCC B656 ← LIPI (Rohmatussolihat, LIPI13-2-LAB035) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 58ET06-1  
 Source of sample: Terasi  
 Locality: Blahbatu, Bali  
 Cultivation: TSYE, 30°C

***Enterococcus sp.***

InaCC Number: InaCC **B135**  
 History: InaCC B135 ← LIPI (Y. Widyastuti) & LIPI (S. Ratnakomala), DR321  
 Source of sample: Dadih (fermented milk)  
 Locality: Pekanbaru, Indonesia  
 Cultivation: MRS

***Enterococcus sp.***

InaCC Number: InaCC **B745**  
 History: InaCC B745 ← LIPI (Rohmatussolihat, LIPI13-2-LAB190) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 90T06-7  
 Source of sample: Dadih  
 Locality: Bukittinggi, West Sumatra  
 Cultivation: TSYE, 30°C

***Enterococcus sp.***

InaCC Number: InaCC **B746**  
 History: InaCC B746 ← LIPI (Rohmatussolihat, LIPI13-2-LAB191) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 90S07-8  
 Source of sample: Dadih  
 Locality: Bukittinggi, West Sumatra  
 Cultivation: TSYE, 30°C

***Enterococcus* sp.**InaCC Number: InaCC **B758**

History: InaCC B758 ← LIPI (Rohmatussolihat, LIPI13-2-LAB214) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 95T06-6

Source of sample: Dadih

Locality: Padang, West Sumatra

Cultivation: TSYE, 30°C

***Enterococcus* sp.**InaCC Number: InaCC **B631**

History: InaCC B631 ← LIPI (Rohmatussolihat, LIPI12-2-LAB152) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 8bT106-1

Source of sample: Usar

Locality: Sleman, Yogyakarta

Cultivation: MRS, 30°C

***Enterococcus* sp.**InaCC Number: InaCC **B720**

History: InaCC B720 ← LIPI (Rohmatussolihat, LIPI13-2-LAB139) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 80T06-5

Source of sample: Dadih

Locality: Bukittinggi, West Sumatra

Cultivation: TSYE, 30°C

***Enterococcus* sp.**InaCC Number: InaCC **B271**

History: InaCC B271 ← LIPI (Y. Widyastuti), DR322

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Enterococcus* sp.**InaCC Number: InaCC **B148**

History: InaCC B148 ← LIPI (Y. Widyastuti), 4BL1

Source of sample: Papaya (*Carica papaya*)

Locality: Lombok, Indonesia

Cultivation: MRS

***Enterococcus* sp.**InaCC Number: InaCC **B549**

History: InaCC B549 ← LIPI (Rohmatussolihat, LIPI12-2-LAB012) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 6M06-3

Source of sample: Tapai yeast

Locality: Sleman, Yogyakarta

Cultivation: MRS, 30°C

***Enterococcus* sp.**InaCC Number: InaCC **B718**

History: InaCC B718 ← LIPI (Rohmatussolihat, LIPI13-2-LAB133) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 79T06-6

Source of sample: Dadih

Locality: Bukittinggi, West Sumatra

Cultivation: TSYE, 30°C

***Enterococcus* sp.**InaCC Number: InaCC **B176**

History: InaCC B176 ← LIPI (Y. Widyastuti), 4B16

Source of sample: Raw tempeh

Locality: Cibinong, Indonesia

Cultivation: MRS

***Enterococcus* sp.**InaCC Number: InaCC **B87**

History: InaCC B87 ← LIPI (Y. Widyastuti), TSD6

Source of sample: Cow feces

Locality: Dramaga, Bogor, Indonesia

Cultivation: MRS

***Enterococcus* sp.**InaCC Number: InaCC **B690**

History: InaCC B690 ← LIPI (Rohmatussolihat, LIPI13-2-LAB085) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 74ET06-2

Source of sample: Terasi

Locality: Solok, West Sumatra

Cultivation: TSYE, 30°C

***Erwinia billingiae***InaCC Number: InaCC **B1173**

History: InaCC B1173 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari &amp; Siti Meliah), GTS07-1

Source of sample: Soil

Locality: Mt. Tambora, Kawinda Toi Regency, NTB

Cultivation: pH 7, 25-30°C

***Erwinia chrysanthemi***InaCC Number: InaCC **B1211**

History: InaCC B1211 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), BB.P4

Source of sample: *Curcuma zedoaria* (stem)

Locality: Bojong Gede, Bogor, West Java

Cultivation: pH 7, 30°C

***Erythrobacter citreus***InaCC Number: InaCC **B1079**

History: InaCC B1079 ← LIPI (Arif Nurkanto, LIPI13-2-Ac103) ← NBRC (Moriyuki Hamada), RS-2-5

Source of sample: Rhizosphere soil (mud)

Locality: Pramuka Island, Seribu Islands, Indonesia

Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Erythrobacter flavus***InaCC Number: InaCC **B1067**

History: InaCC B1067 ← LIPI (Arif Nurkanto, LIPI13-2-Ac021) ← NBRC (Moriyuki Hamada), PS-5-2

Source of sample: Sediment

Locality: Pari Island, Seribu Islands, Indonesia

Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Erythrobacter flavus***InaCC Number: InaCC **B1077**

History: InaCC B1077 ← LIPI (Arif Nurkanto, LIPI13-2-Ac071) ← NBRC (Moriyuki Hamada), PS-14-4

Source of sample: Rhizosphere sediment

Locality: Pramuka Island, Seribu Islands, Indonesia

Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Erythrobacter flavus***InaCC Number: InaCC **B1064**

History: InaCC B1064 ← LIPI (Arif Nurkanto, LIPI13-2-Ac013) ← NBRC (Moriyuki Hamada), PS-3-7

Source of sample: Rhizosphere sediment

Locality: Pari Island, Seribu Islands, Indonesia

Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Erythrobacter flavus***InaCC Number: InaCC **B1062**

History: InaCC B1062 ← LIPI (Arif Nurkanto, LIPI13-2-Ac011) ← NBRC (Moriyuki Hamada), PS-3-5

Source of sample: Rhizosphere sediment

Locality: Pari Island, Seribu Islands, Indonesia

Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Erythrobacter flavus***InaCC Number: InaCC **B1065**

History: InaCC B1065 ← LIPI (Arif Nurkanto, LIPI13-2-Ac015) ← NBRC (Moriyuki Hamada), PS-3-9

Source of sample: Rhizosphere sediment

Locality: Pari Island, Seribu Islands, Indonesia

Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Erythrobacter flavus***InaCC Number: InaCC **B1069**

History: InaCC B1069 ← LIPI (Arif Nurkanto, LIPI13-2-Ac031) ← NBRC (Moriyuki Hamada), PS-8-1

Source of sample: Rhizosphere sediment

Locality: Pari Island, Seribu Islands, Indonesia

Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Erythrobacter pelagi***InaCC Number: InaCC **B1330**

History: InaCC B1330 ← LIPI (Ruby Setiawan), KR19\_3.5

Source of sample: Marine sediment

Locality: Ketam Beach, Pongkar Village, Riau Islands

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Erythrobacter vulgaris***InaCC Number: InaCC **B1083**

History: InaCC B1083 ← LIPI (Arif Nurkanto, LIPI13-2-Ac146) ← NBRC (Moriyuki Hamada), RS-8-1

Source of sample: Sea sediment

Locality: Rambut Island, Seribu Islands, Indonesia

Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Erythrobacter vulgaris***InaCC Number: InaCC **B1081**

History: InaCC B1081 ← LIPI (Arif Nurkanto, LIPI13-2-Ac113) ← NBRC (Moriyuki Hamada), RS-3-2

Source of sample: Rhizosphere soil (mud)

Locality: Rambut Island, Seribu Islands, Indonesia

Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Escherichia coli***InaCC Number: InaCC **B1349**

History: InaCC B1349 ← LIPI (Puspita Lisdiyanti, C50)

Source of sample: Luwak feces

Locality: Dampit, Malang, Indonesia

Cultivation: ECM, pH 7-7.2, 30°C

***Exiguobacterium indicum***InaCC Number: InaCC **B493**

History: InaCC B493 ← LIPI (Made, LIPI14-3-B037) ← LIPI (Dwi N. Susilowati), Ptb I B2.3

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Exiguobacterium indicum***InaCC Number: InaCC **B497**

History: InaCC B497 ← LIPI (Made, LIPI14-3-B041) ← LIPI (Dwi N. Susilowati), Ptb I B2.11

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Fictibacillus phosphorivorans***InaCC Number: InaCC **B1514**

History: InaCC B1514 ← LIPI (R.Setiawan), SAMg6.1

Source of sample: Mangrove sediment

Locality: Alafan, Simeuleu, Aceh

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Fictibacillus phosphorivorans***InaCC Number: InaCC **B1519**

History: InaCC B1519 ← LIPI (R.Setiawan), SAMg5.7

Source of sample: Mangrove sediment

Locality: Alafan, Simeuleu, Aceh

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Fictibacillus solisalsi***InaCC Number: InaCC **B1468**

History: InaCC B1468 ← LIPI (Tri Ratna S, SSL02.3)

Source of sample: Soil and plant rhizosphere, collected under the coconut tree (*Cocos nucifera*)

Locality: Malaka Village, Pemenang District, West Lombok Regency, West Nusa Tenggara

Cultivation: NA, pH 7, 28°C

***Fictibacillus sp.***InaCC Number: InaCC **B1517**

History: InaCC B1517 ← LIPI (R.Setiawan), SAMg5.2

Source of sample: Mangrove sediment

Locality: Alafan, Simeuleu, Aceh  
Cultivation: Zobell Marine Agar/Marine Agar  
2216, pH 7, 30°C

***Flavobacterium oceanosedimentum***

InaCC Number: InaCC **B876**  
History: InaCC B876 ← LIPI (I.M. Sudiana) &  
NBRC (Y. Muramatsu). JSAT12-3-B114 ← NBRC  
(Y. Muramatsu) & LIPI (I.M. Sudiana) 9LL  
Source of sample: Soil  
Locality: Maratua Island, Indonesia  
Cultivation: NBRC 804, 25°C

***Gluconacetobacter intermedius***

InaCC Number: InaCC **B414**  
History: InaCC B414 ← Univ. Mataram  
(Sarkono) ← Univ. Mataram (Sarkono), KRE64  
Source of sample: Nata de coco inoculum  
Locality: Bantul, Indonesia  
Cultivation: HS, pH 5, 30°C

***Gluconacetobacter sp.***

InaCC Number: InaCC **B408**  
History: InaCC B408 ← Univ. Mataram  
(Sarkono) ← Univ. Mataram (Sarkono), BAN32  
Source of sample: Nata de coco inoculum  
Locality: Bantul, Indonesia  
Cultivation: HS, pH 5, 30°C

***Gluconacetobacter xylinus***

InaCC Number: InaCC **B422**  
History: InaCC B422 ← Univ. Mataram  
(Sarkono) ← Univ. Mataram (Sarkono), NAN46  
Source of sample: Pineapple  
Locality: Yogyakarta, Indonesia  
Cultivation: HS, pH 5, 30°C

***Gluconacetobacter xylinus***

InaCC Number: InaCC **B407**  
History: InaCC B407 ← Univ. Mataram  
(Sarkono) ← Univ. Mataram (Sarkono), ABG32  
Source of sample: Grapes  
Locality: Sleman, Indonesia  
Cultivation: HS, pH 5, 30°C

***Gluconacetobacter xylinus***

InaCC Number: InaCC **B405**  
History: InaCC B405 ← Univ. Mataram  
(Sarkono) ← Univ. Mataram (Sarkono), ANG30  
Source of sample: Grapes  
Locality: Sleman, Indonesia  
Cultivation: HS, pH 5, 30°C

***Gluconacetobacter xylinus***

InaCC Number: InaCC **B425**  
History: InaCC B425 ← Univ. Mataram  
(Sarkono) ← Univ. Mataram (Sarkono), SAL53  
Source of sample: Bark  
Locality: Yogyakarta, Indonesia  
Cultivation: HS, pH 5, 30°C

***Gluconacetobacter xylinus***

InaCC Number: InaCC **B424**  
History: InaCC B424 ← Univ. Mataram  
(Sarkono) ← Univ. Mataram (Sarkono), PAK52  
Source of sample: Rambutan  
Locality: Sleman, Indonesia  
Cultivation: HS

***Gluconacetobacter xylinus***

InaCC Number: InaCC **B415**  
History: InaCC B415 ← Univ. Mataram  
(Sarkono) ← Univ. Mataram (Sarkono), KRE65  
Source of sample: Nata de coco inoculum  
Locality: Bantul, Indonesia  
Cultivation: HS, pH 5, 30°C

***Gluconacetobacter xylinus***

InaCC Number: InaCC **B406**  
History: InaCC B406 ← Univ. Mataram  
(Sarkono) ← Univ. Mataram (Sarkono), ANG31  
Source of sample: Grapes  
Locality: Sleman, Indonesia  
Cultivation: HS, pH 5, 30°C

***Gluconacetobacter xylinus***

InaCC Number: InaCC **B428**  
History: InaCC B428 ← Univ. Mataram  
(Sarkono) ← Univ. Mataram (Sarkono), SAL115  
Source of sample: Bark



Locality: Yogyakarta, Indonesia

Cultivation: HS, pH 5, 30°C

***Gluconacetobacter xylinus***

InaCC Number: InaCC **B404**

History: InaCC B404 ← Univ. Mataram (Sarkono) ← Univ. Mataram (Sarkono), ANG29

Source of sample: Grapes

Locality: Sleman, Indonesia

Cultivation: HS, pH 5, 30°C

***Gluconacetobacter xylinus***

InaCC Number: InaCC **B421**

History: InaCC B421 ← Univ. Mataram (Sarkono) ← Univ. Mataram (Sarkono), NAN45

Source of sample: Pineapple

Locality: Yogyakarta, Indonesia

Cultivation: HS, pH 5, 30°C

***Gluconacetobacter xylinus***

InaCC Number: InaCC **B420**

History: InaCC B420 ← Univ. Mataram (Sarkono) ← Univ. Mataram (Sarkono), NAN42

Source of sample: Pineapple

Locality: Yogyakarta, Indonesia

Cultivation: HS, pH 5, 30°C

***Glutamicibacter mysorens***

InaCC Number: InaCC **B1542**

History: InaCC B1542 ← LIPI (Masrukhin, LB 1.2)

Source of sample: Diseased chayote (*Sechium edule*)

Locality: Cibinong, Bogor

Cultivation: NA, pH 7, 25-30°C

***Gryllotalpicola* sp.**

InaCC Number: InaCC **B15**

History: InaCC B15 ← LIPI (Agustinus Joko N) ← ICBG (Kyria et al.), 021A

Source of sample: Larva gut

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Halobacillus salinus***

InaCC Number: InaCC **B1327**

History: InaCC B1327 ← LIPI (Ruby Setiawan), KRSd4\_2.6

Source of sample: Marine sediment

Locality: Karimun Anak Island, Riau Islands

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Halobacillus trueperi***

InaCC Number: InaCC **B1515**

History: InaCC B1515 ← LIPI (R.Setiawan), SAMg4.2

Source of sample: Mangrove sediment

Locality: Alafan, Simeuleu, Aceh

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Herbaspirillum***

InaCC Number: InaCC **B909**

History: InaCC B909 ← K.Mogi & I.M. Sudiana, 1A-38

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Hoeflea* sp.**

InaCC Number: InaCC **B1253**

History: InaCC B1253 ← KRIBB/KCTC (Kim Song-Gun) AOB-8 ← KRIBB/KCTC (Kim Song-Gun) KCTC 52932

Source of sample: Enrichment culture for aerobic ammonia oxidizing bacteria

Locality: 142-21 Sinseong-dong, Yuseong-gu, Daejeon, South Korea

Cultivation: R2A agar, pH 7.0-7.5, 30°C

***Hydrogenophaga palleroni***

InaCC Number: InaCC **B821**

History: InaCC B821 ← LIPI (I Made Sudiana) & University of Tokyo (Shigeto Otsuka) LIPI 14-3-B146 ← University of Tokyo (Ayaka Hosoda and Shigeto Otsuka) I1-38

Source of sample: Paddy Field soil

Locality: Indramayu, Indonesia  
Cultivation: 1/10 R2A, 25°C

***Hydrogenophaga pseudoflava***

InaCC Number: InaCC **B945**  
History: InaCC B945 ← A. Hosoda and S. Otsuka SB-1  
Source of sample: Paddy field soil  
Locality: Surabaya, Indonesia  
Cultivation: 25°C

***Ideonella sp.***

InaCC Number: InaCC **B947**  
History: InaCC B947 ← A. Hosoda and S. Otsuka I1-33  
Source of sample: Paddy field soil  
Locality: Indramayu, Indonesia  
Cultivation: 25°C

***Ideonella sp.***

InaCC Number: InaCC **B946**  
History: InaCC B946 ← A. Hosoda and S. Otsuka T2-32  
Source of sample: Paddy field soil  
Locality: Tangerang, Indonesia  
Cultivation: 25°C

***Idoenella sp.***

InaCC Number: InaCC **B911**  
History: InaCC B911 ← K.Mogi & I.M. Sudiana, inp-4y  
Source of sample: Paddy field soil  
Locality: Bogor, Indonesia  
Cultivation: 25°C

***Janibacter indicus***

InaCC Number: InaCC **B1265**  
History: InaCC B1265 ← LIPI (Siti Meliah & Tri Ratna Sulistiani), BTIL5  
Source of sample: Stem of sorghum plant (*Sorghum bicolor*)  
Locality: Ecological Park, CSC Cibinong, West Java  
Cultivation: Nutrient broth, pH 7, 25-30°C

***Kinneretia sp.***

InaCC Number: InaCC **B820**  
History: InaCC B820 ← LIPI (I Made Sudiana) & University of Tokyo (Shigeto Otsuka) LIPI14-3-B145 ← University of Tokyo (Ayaka Hosoda and Shigeto Otsuka) SB-45  
Source of sample: Paddy field soil  
Locality: Surabaya, Indonesia  
Cultivation: 1/10 R2A, 25°C

***Kinneretia sp.***

InaCC Number: InaCC **B948**  
History: InaCC B948 ← A. Hosoda and S. Otsuka SB-45  
Source of sample: Paddy field soil  
Locality: Surabaya, Indonesia  
Cultivation: 25°C

***Klebsiella grimontii***

InaCC Number: InaCC **B1545**  
History: InaCC B1545 ← LIPI (Masrukhin, WO 01)  
Source of sample: Diseased carrot (*Daucus carota*)  
Locality: Cibinong, Bogor  
Cultivation: NA, pH 7, 25-30°C

***Klebsiella oxytoca***

InaCC Number: InaCC **B24**  
History: InaCC B24 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), 075LWA  
Source of sample: Leaf  
Locality: Protected Forest Mekongga, Tinukari, North Kolaka  
Cultivation: NA/TSA, pH 7, 30°C

***Klebsiella quasipneumoniae***

InaCC Number: InaCC **B1351**  
History: InaCC B1351 ← LIPI (Puspita Lisdiyanti, C56A)  
Source of sample: Luwak feces  
Locality: Mt. Kelud, Kediri  
Cultivation: ECM, pH 7-7.2, 30°C

***Klebsiella quasipneumoniae***InaCC Number: InaCC **B1353**

History: InaCC B1353 ← LIPI (Puspita Lisdiyanti, P10)

Source of sample: Coffee pulp waste

Locality: Dampit, Malang

Cultivation: ECPM, pH 7-7.2, 30°C

***Klebsiella quasipneumoniae***InaCC Number: InaCC **B1357**

History: InaCC B1357 ← LIPI (Puspita Lisdiyanti, P54)

Source of sample: Luwak feces

Locality: Dampit, Malang

Cultivation: ECPM, pH 7-7.2, 30°C

***Klebsiella quasipneumoniae***InaCC Number: InaCC **B1358**

History: InaCC B1358 ← LIPI (Puspita Lisdiyanti, P55)

Source of sample: Luwak feces

Locality: Dampit, Malang

Cultivation: ECPM, pH 7-7.2, 30°C

***Klebsiella quasipneumoniae***InaCC Number: InaCC **B1359**

History: InaCC B1359 ← LIPI (Puspita Lisdiyanti, P56)

Source of sample: Luwak feces

Locality: Dampit, Malang

Cultivation: ECPM, pH 7-7.2, 30°C

***Klebsiella quasipneumoniae***InaCC Number: InaCC **B1361**

History: InaCC B1361 ← LIPI (Puspita Lisdiyanti, P64)

Source of sample: Luwak feces

Locality: Dampit, Malang

Cultivation: ECPM, pH 7-7.2, 30°C

***Klebsiella quasipneumoniae* subsp. *quasipneumoniae***InaCC Number: InaCC **B1544**

History: InaCC B1544 ← LIPI (Masrukhin, ME 02)

Source of sample: Rotten melon (*Cucumis melo*)

Locality: Cibinong, Bogor

Cultivation: NA, pH 7, 25-30°C

***Klebsiella singaporensis***InaCC Number: InaCC **B1181**

History: InaCC B1181 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari &amp; Siti Meliah), GTS11-1

Source of sample: Soil

Locality: Mt. Tambora, Kawinda Toi regency, NTB

Cultivation: pH 7, 25-30°C

***Klebsiella* sp.**InaCC Number: InaCC **B833**

History: InaCC B833 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B116 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana), 7-0-1L

Source of sample: Water

Locality: Maratua Island, Indonesia

Cultivation: NBRC 804, 25°C

***Klebsiella* sp.**InaCC Number: InaCC **B1432**

History: InaCC B1432 ← LIPI (Puspita Lisdiyanti, LB\_21)

Source of sample: Coffee exocarp + mesocarp

Locality: Dampit, Malang, Indonesia

Cultivation: pH 5.5-5.9, 30°C

***Klebsiella variicola***InaCC Number: InaCC **B888**

History: InaCC B888 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B164 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana) 9a

Source of sample: Plant (kacang panjang (bean), *Vigna sinensis*), root nodule

Locality: Mt. Pancar, Bogor, Indonesia

Cultivation: NBRC 804, 25°C

***Klebsiella variicola***InaCC Number: InaCC **B827**

History: InaCC B827 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B045 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana), 18Na

Source of sample: Soil  
 Locality: Wain River, Balikpapan, Indonesia  
 Cultivation: NBRC 804, 25°C

***Klebsiella variicola***

InaCC Number: InaCC **B1355**  
 History: InaCC B1355 ← LIPI (Puspita Lisdiyanti, P35)  
 Source of sample: Coffee pulp waste  
 Locality: Situbondo, Indonesia  
 Cultivation: ECPM, pH 7-7.2, 30°C

***Kluyvera cryocrescens***

InaCC Number: InaCC **B850**  
 History: InaCC B850 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B017 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana) 8Nc  
 Source of sample: Soil  
 Locality: Maratua Island, Indonesia  
 Cultivation: NBRC 804, 25°C

***Kluyvera cryocrescens***

InaCC Number: InaCC **B40**  
 History: InaCC B40 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), PLW1B  
 Source of sample: Leaf litter  
 Locality: Protected Forest Papalia, South Konawe  
 Cultivation: NA/TSA, pH 7, 30°C

***Kluyvera georgiana***

InaCC Number: InaCC **B881**  
 History: InaCC B881 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B127 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana) 29-0-1N  
 Source of sample: Soil  
 Locality: Bangkirai Hill (rain forest), Balikpapan, Indonesia  
 Cultivation: NBRC 804, 25°C

***Kluyvera sp.***

InaCC Number: InaCC **B830**  
 History: InaCC B830 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B089 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana), 29La

Source of sample: Soil  
 Locality: Bangkirai Hill (rain forest), Balikpapan, Indonesia  
 Cultivation: NBRC 804, 25°C

***Komagataeibacter nataicola***

InaCC Number: InaCC **B403**  
 History: InaCC B403 ← Univ. Mataram (Sarkono) ← Univ. Mataram (Sarkono), ANG18  
 Source of sample: Grapes  
 Locality: Sleman, Indonesia  
 Cultivation: HS, pH 5, 30°C

***Komagataeibacter hansenii***

InaCC Number: InaCC **B416**  
 History: InaCC B416 ← Univ. Mataram (Sarkono) ← Univ. Mataram (Sarkono), MGS22  
 Source of sample: Mangosteen  
 Locality: Sleman, Indonesia  
 Cultivation: HS, pH 5, 30°C

***Komagataeibacter rhaeticus***

InaCC Number: InaCC **B426**  
 History: InaCC B426 ← Univ. Mataram (Sarkono) ← Univ. Mataram (Sarkono), SAL102  
 Source of sample: Bark  
 Locality: Yogyakarta, Indonesia  
 Cultivation: HS, pH 5, 30°C

***Komagataeibacter xylinus***

InaCC Number: InaCC **B417**  
 History: InaCC B417 ← Univ. Mataram (Sarkono) ← Univ. Mataram (Sarkono), MGS32  
 Source of sample: Mangosteen  
 Locality: Sleman, Indonesia  
 Cultivation: HS, pH 5, 30°C

***Kosakonia cowanii***

InaCC Number: InaCC **B1540**  
 History: InaCC B1540 ← LIPI (Masrukhin, BY 1.2)  
 Source of sample: Diseased spinach phyllosphere  
 Locality: Cibinong, Bogor  
 Cultivation: NA, pH 7, 25-30°C

***Ktedonobacterales***

InaCC Number: InaCC **B312**

History: InaCC B312 ← Univ of Tokyo (Shigeto Otsuka) & LIPI (I Made Sudiana), LIPI11-3-B002 ← Univ of Tokyo (Shigeto Otsuka, Kentaro Mogi) S27

Source of sample: Rice paddy soil

Locality: Sukamandi, Indonesia

Cultivation: R2A, 30°C

***Kurthia gibsonii***

InaCC Number: InaCC **B1073**

History: InaCC B1073 ← LIPI (Arif Nurkanto, LIPI13-2-Ac052) ← NBRC (Moriyuki Hamada), PS-11-16

Source of sample: Sediment

Locality: Pramuka Island, Seribu Islands, Indonesia

Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Labrenzia sp.***

InaCC Number: InaCC **B1508**

History: InaCC B1508 ← LIPI (R.Setiawan), KRSd1\_2.4

Source of sample: Marine sediment

Locality: Karimun Anak Island, Riau Islands

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Lactobacillus brevis***

InaCC Number: InaCC **B352**

History: InaCC B352 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDI-L003

Source of sample: Cacao fermentation

Locality: PTPN XII, Jember

Cultivation: MRS, pH 6, 30°C

***Lactobacillus brevis***

InaCC Number: InaCC **B144**

History: InaCC B144 ← LIPI (Y. Widyastuti) ← LIPI (S. Ratnakomala), DSB1

Source of sample: Dadih (fermented milk)

Locality: Pincuran, Agam, Indonesia

Cultivation: MRS

***Lactobacillus brevis***

InaCC Number: InaCC **B1054**

History: InaCC B1054 ← LIPI (Yulansih Dwi Astuti) & RIKEN (Mitsuo Sakamoto) SPCE - 410

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus brevis***

InaCC Number: InaCC **B1044**

History: InaCC B1044 ← LIPI (Yulansih Dwi Astuti) & RIKEN (Mitsuo Sakamoto) SPCE - 393

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus brevis***

InaCC Number: InaCC **B1043**

History: InaCC B1043 ← LIPI (Yulansih Dwi Astuti) & RIKEN (Mitsuo Sakamoto) SPCE - 387

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus brevis***

InaCC Number: InaCC **B1055**

History: InaCC B1055 ← LIPI (Yulansih Dwi Astuti) & RIKEN (Mitsuo Sakamoto) SPCE - 411

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus brevis***

InaCC Number: InaCC **B1053**

History: InaCC B1053 ← LIPI (Yulansih Dwi Astuti) & RIKEN (Mitsuo Sakamoto) SPCE - 409

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus brevis***

InaCC Number: InaCC **B1046**

History: InaCC B1046 ← LIPI (Yulansih Dwi Astuti) & RIKEN (Mitsuo Sakamoto) SPCE - 399

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus brevis***

InaCC Number: InaCC **B1052**

History: InaCC B1052 ← LIPI (Yulansih Dwi Astuti) & RIKEN (Mitsuo Sakamoto) SPCE - 408

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus buchneri***

InaCC Number: InaCC **B402**

History: InaCC B402 ← Univ. Mataram (Sarkono) ← Univ. Mataram (Sarkono), ANG3

Source of sample: Grapes

Locality: Sleman, Indonesia

Cultivation: HS, pH 5, 30°C

***Lactobacillus casei***

InaCC Number: InaCC **B75**

History: InaCC B75 ← LIPI (Y. Widyastuti), L2

Source of sample: Sange Betok leaf

Locality: Lombok, Indonesia

Cultivation: MRS, pH 6, 30°C

***Lactobacillus casei***

InaCC Number: InaCC **B1045**

History: InaCC B1045 ← LIPI (Yulansih Dwi Astuti) & RIKEN (Mitsuo Sakamoto) SPCE - 398

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus diolivorans***

InaCC Number: InaCC **B423**

History: InaCC B423 ← Univ. Mataram (Sarkono) ← Univ. Mataram (Sarkono), PAK52

Source of sample: Nata de coco inoculum

Locality: Sleman, Indonesia

Cultivation: HS, pH 5, 30°C

***Lactobacillus diolivorans***

InaCC Number: InaCC **B411**

History: InaCC B411 ← Univ. Mataram (Sarkono) ← Univ. Mataram (Sarkono), JAM80

Source of sample: Rose apple

Locality: Yogyakarta, Indonesia

Cultivation: HS, pH 5, 30°C

***Lactobacillus fermentum***

InaCC Number: InaCC **B1023**

History: InaCC B1023 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca164) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SH - 164

Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS

***Lactobacillus fermentum***

InaCC Number: InaCC **B1021**

History: InaCC B1021 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca159) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SH - 159

Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS

***Lactobacillus fermentum***InaCC Number: InaCC **B356**

History: InaCC B356 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), IDE-L007

Source of sample: Cacao fermentation

Locality: Mocache

Cultivation: MRS, pH 6, 30°C

***Lactobacillus fermentum***InaCC Number: InaCC **B1022**

History: InaCC B1022 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca160) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SH - 160

Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS

***Lactobacillus fermentum***InaCC Number: InaCC **B1011**

History: InaCC B1011 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca138) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SH - 138

Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS

***Lactobacillus fermentum***InaCC Number: InaCC **B1025**

History: InaCC B1025 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca166) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SH - 166

Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS

***Lactobacillus fermentum***InaCC Number: InaCC **B361**

History: InaCC B361 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDE-L036

Source of sample: Cacao fermentation

Locality: Mocache

Cultivation: MRS, pH 6, 30°C

***Lactobacillus fermentum***InaCC Number: InaCC **B366**

History: InaCC B366 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDE-L065

Source of sample: Cacao fermentation

Locality: Mocache

Cultivation: MRS, pH 6, 30°C

***Lactobacillus fermentum***InaCC Number: InaCC **B365**

History: InaCC B365 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDE-L061

Source of sample: Cacao fermentation

Locality: Mocache

Cultivation: MRS, pH 6, 30°C

***Lactobacillus fermentum***InaCC Number: InaCC **B978**

History: InaCC B978 ← LIPI (Roni Ridwan) &amp; RIKEN (T. Irisawa) SPC - 251

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus fermentum***InaCC Number: InaCC **B1024**

History: InaCC B1024 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca165) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SH - 165

Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS

***Lactobacillus fermentum***InaCC Number: InaCC **B1019**

History: InaCC B1019 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca155) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SH - 155

Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS

***Lactobacillus fermentum***InaCC Number: InaCC **B1014**

History: InaCC B1014 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca142) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SH - 142

Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS

***Lactobacillus fermentum***InaCC Number: InaCC **B1013**

History: InaCC B1013 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca141) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SH - 141

Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS

***Lactobacillus fermentum***InaCC Number: InaCC **B1051**

History: InaCC B1051 ← LIPI (Yulansih Dwi Astuti) & RIKEN (Mitsuo Sakamoto) SPCE - 407

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus fermentum***InaCC Number: InaCC **B363**

History: InaCC B363 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDE-L057

Source of sample: Cacao fermentation

Locality: Mocache

Cultivation: MRS, pH 6, 30°C

***Lactobacillus fermentum***InaCC Number: InaCC **B1017**

History: InaCC B1017 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca151) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SH - 151

Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS

***Lactobacillus fermentum***InaCC Number: InaCC **B1018**

History: InaCC B1018 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca152) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SH - 152

Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS

***Lactobacillus fermentum***InaCC Number: InaCC **B1012**

History: InaCC B1012 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca140) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SH - 140

Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS



***Lactobacillus fermentum***InaCC Number: InaCC **B1295**

History: InaCC B1295 ← (Usman Pato), R-68 ← Prof. Dr. Akiyoshi Hosono, Shinshu University and Gifu University

Source of sample: Dadih

Locality: Bukittinggi, West Sumatera, Indonesia

Cultivation: MRS Broth, 30-37°C

***Lactobacillus ferrauginis***InaCC Number: InaCC **B1056**

History: InaCC B1056 ← LIPI (Yulansih Dwi Astuti) &amp; RIKEN (Mitsuo Sakamoto) SPCE - 418

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus hammesi***InaCC Number: InaCC **B996**

History: InaCC B996 ← LIPI (Roni Ridwan) &amp; RIKEN (T. Irisawa) SHC - 330

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus hammesi***InaCC Number: InaCC **B983**

History: InaCC B983 ← LIPI (Roni Ridwan) &amp; RIKEN (T. Irisawa) SPC - 296

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus hilgardii***InaCC Number: InaCC **B427**

History: InaCC B427 ← Univ. Mataram (Sarkono) ← Univ. Mataram (Sarkono), SAL106

Source of sample: Bark

Locality: Yogyakarta, Indonesia

Cultivation: HS

***Lactobacillus ingluviei***InaCC Number: InaCC **B984**

History: InaCC B984 ← LIPI (Roni Ridwan) &amp; RIKEN (T. Irisawa) SPC - 297

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus kimchii***InaCC Number: InaCC **B982**

History: InaCC B982 ← LIPI (Roni Ridwan) &amp; RIKEN (T. Irisawa) SPC - 291

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus paracasei***InaCC Number: InaCC **B143**

History: InaCC B143 ← LIPI (Y. Widyastuti), DR173

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Lactobacillus paracasei***InaCC Number: InaCC **B145**

History: InaCC B145 ← LIPI (Y. Widyastuti), DR171

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Lactobacillus paracasei***InaCC Number: InaCC **B250**

History: InaCC B250 ← LIPI (Y. Widyastuti), 2G21

Source of sample: Sugar palm (*Arenga pinnata*) wine

Locality: Bogor, Indonesia

Cultivation: MRS, pH 6, 30°C

***Lactobacillus paraplantarum***InaCC Number: InaCC **B1004**

History: InaCC B1004 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca095) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SP - 095

Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS

***Lactobacillus paraplantarum***InaCC Number: InaCC **B995**

History: InaCC B995 ← LIPI (Roni Ridwan) &amp; RIKEN (T. Irisawa) SHC - 329

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus pentosus***InaCC Number: InaCC **B220**

History: InaCC B220 ← LIPI (Y. Widyastuti), 16BL1

Source of sample: *Hibiscus rosa-sinensis*

Locality: Badung, Indonesia

Cultivation: MRS

***Lactobacillus pentosus***InaCC Number: InaCC **B149**

History: InaCC B149 ← LIPI (Y. Widyastuti), 3BL1

Source of sample: Lime (*Citrus limon*)

Locality: Lombok, Indonesia

Cultivation: MRS

***Lactobacillus pentosus***InaCC Number: InaCC **B303**

History: InaCC B303 ← LIPI (Y. Widyastuti), DR162 (2)

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Lactobacillus pentosus***InaCC Number: InaCC **B222**

History: InaCC B222 ← LIPI (Y. Widyastuti), 4C1

Source of sample: Montana flower (*Anaphalis javanica*)

Locality: Cibinong, Indonesia

Cultivation: MRS

***Lactobacillus pentosus***InaCC Number: InaCC **B297**

History: InaCC B297 ← LIPI (Y. Widyastuti), DP212

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B163**

History: InaCC B163 ← LIPI (Y. Widyastuti), DR184

Source of sample: Dadih (Fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B1048**

History: InaCC B1048 ← LIPI (Yulansih Dwi Astuti) &amp; RIKEN (Mitsuo Sakamoto) SPCE - 403

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B1049**

History: InaCC B1049 ← LIPI (Yulansih Dwi Astuti) &amp; RIKEN (Mitsuo Sakamoto) SPCE - 404

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B1050**

History: InaCC B1050 ← LIPI (Yulansih Dwi Astuti) &amp; RIKEN (Mitsuo Sakamoto) SPCE - 405

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B1057**

History: InaCC B1057 ← RIKEN (Mitsuo Sakamoto &amp; Tomohiro Irisawa) MX-16

Source of sample: Grass (*Euchlaena mexicana*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B1047**

History: InaCC B1047 ← LIPI (Yulansih Dwi Astuti) &amp; RIKEN (Mitsuo Sakamoto) SPCE - 401

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B133**

History: InaCC B133 ← LIPI (Y. Widyastuti), LP23

Source of sample: Langsung Pontianak (*Lansium domesticum*)

Locality: Pontianak, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B76**

History: InaCC B76 ← LIPI (Y. Widyastuti), TSD12

Source of sample: Cow feces

Locality: Dramaga, Bogor, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B77**

History: InaCC B77 ← LIPI (Y. Widyastuti), TSD9

Source of sample: Cow feces

Locality: Dramaga, Bogor, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B83**

History: InaCC B83 ← LIPI (Y. Widyastuti), TSD4

Source of sample: Cow feces

Locality: Dramaga, Bogor, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B90**

History: InaCC ← LIPI (Y. Widyastuti), TSD13

Source of sample: Cow feces

Locality: Dramaga, Bogor, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B94**

History: InaCC B94 ← LIPI (Y. Widyastuti), TSD2

Source of sample: Cow feces

Locality: Dramaga, Bogor, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B108**

History: InaCC ← LIPI (Y. Widyastuti), TSD3

Source of sample: Cow feces

Locality: Dramaga, Bogor, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B121**

History: InaCC B121 ← LIPI (Y. Widyastuti), ASP5 3

Source of sample: Tamarind (*Tamarindus indica*)

Locality: Sanggau, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B122**

History: InaCC B122 ← LIPI (Y. Widyastuti), DP11

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B123**

History: InaCC B123 ← LIPI (Y. Widyastuti), DR212

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B129**

History: InaCC B129 ← LIPI (Y. Widyastuti), DP242

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B160**

History: InaCC B160 ← LIPI (Y. Widyastuti), 1731

Source of sample: Chinese cabbage pickles

Locality: Bogor, Indonesia

Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B140**

History: InaCC B140 ← LIPI (Y. Widyastuti), 1B22

Source of sample: Starfruit plant (*Averrhoa carambola*)

Locality: Cibinong, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B141**

History: InaCC B141 ← LIPI (Y. Widyastuti), DR121

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B142**

History: InaCC B142 ← LIPI (Y. Widyastuti), DR14

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B146**

History: InaCC B146 ← LIPI (Y. Widyastuti), DR131

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B150**

History: InaCC B150 ← LIPI (Y. Widyastuti), 4BL2

Source of sample: Papaya (*Carica papaya*)

Locality: Lombok, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B151**

History: InaCC B151 ← LIPI (Y. Widyastuti), 21BL1

Source of sample: Passion juice malle (*Passiflora edulis*)

Locality: Lombok, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B153**

History: InaCC B153 ← LIPI (Y. Widyastuti), 02322

Source of sample: Red sweet potato

Locality: Bogor, Indonesia

Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B157**

History: InaCC B157 ← LIPI (Y. Widyastuti), 2BL1

Source of sample: Mango lali jiwo (*Mangifera indica* var. *lali jiwo*)

Locality: Lombok, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B128**

History: InaCC B128 ← LIPI (Y. Widyastuti), 1BL2

Source of sample: Strawberry

Locality: Lake Bratan, Bedugul, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B225**

History: InaCC B225 ← LIPI (Y. Widyastuti), 1331

Source of sample: Pickle (taoge/ *Vigna radiata*)

Locality: Bogor, Indonesia

Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B212**

History: InaCC B212 ← LIPI (Y. Widyastuti), 7BL1

Source of sample: Toh Pati guava

Locality: Lombok, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B213**

History: InaCC B213 ← LIPI (Y. Widyastuti), 9BL1

Source of sample: Nata de coco

Locality: Lombok, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B998**

History: InaCC B998 ← LIPI (Roni Ridwan) &amp; RIKEN (T. Irisawa) SHC - 332

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibirong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B214**

History: InaCC B214 ← LIPI (Y. Widyastuti), 10BL1

Source of sample: Passion fruit (*Passiflora quadrangularis*)

Locality: Bali, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B215**

History: InaCC B215 ← LIPI (Y. Widyastuti), 1BL2(2)

Source of sample: Strawberry

Locality: Lombok, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B217**

History: InaCC B217 ← LIPI (Y. Widyastuti), 17BL1

Source of sample: Rose flower

Locality: Lombok, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B218**

History: InaCC B218 ← LIPI (Y. Widyastuti), 5BL1

Source of sample: Pineapple

Locality: Lombok, Indonesia  
Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B999**  
History: InaCC B999 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca075) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SP - 075  
Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum  
Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia  
Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B1000**  
History: InaCC B1000 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca077) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SP - 077  
Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum  
Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia  
Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B221**  
History: InaCC B221 ← LIPI (Y. Widyastuti), 20BL1  
Source of sample: Flower  
Locality: Lombok, Indonesia  
Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B1001**  
History: InaCC B1001 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca082) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SP - 082  
Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum  
Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia  
Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B1002**  
History: InaCC B1002 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca084) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SP - 084  
Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum  
Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia  
Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B223**  
History: InaCC B223 ← LIPI (Y. Widyastuti), 19BL1  
Source of sample: 8 violet  
Locality: Lombok, Indonesia  
Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B1042**  
History: InaCC B1042 ← LIPI (Yulansih Dwi Astuti) & RIKEN (Mitsuo Sakamoto) SPCE - 384  
Source of sample: Corn (*Zea mays*) silage without inoculum  
Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia  
Cultivation: MRS, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B239**  
History: InaCC B239 ← LIPI (Y. Widyastuti), JT103  
Source of sample: Fruit *Pyrus malus* var. *hana*  
Locality: Indonesia  
Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B245**  
History: InaCC B245 ← LIPI (Y. Widyastuti), 2A11  
Source of sample: Tape ketan hitam (Fermented black glutinous rice)

Locality: Bogor, Indonesia  
Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B307**  
History: InaCC B307 ← LIPI (Y. Widyastuti), DR313  
Source of sample: Dadih (fermented milk)  
Locality: Pekanbaru, Indonesia  
Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B244**  
History: InaCC B244 ← LIPI (Y. Widyastuti), 2A12  
Source of sample: Tape ketan hitam (Fermented black glutinous rice)  
Locality: Bogor, Indonesia  
Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B1008**  
History: InaCC B1008 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca114) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SP - 114  
Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum  
Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia  
Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B241**  
History: InaCC B241 ← LIPI (Y. Widyastuti), JT113  
Source of sample: Fruit *Pyrus malus* var. *hana*  
Locality: Indonesia  
Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B1003**  
History: InaCC B1003 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca092) ← LIPI (Yantyati

Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SP - 092

Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum  
Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia  
Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B240**  
History: InaCC B240 ← LIPI (Y. Widyastuti), 0521  
Source of sample: Pickles (cucumber)  
Locality: Bogor, Indonesia  
Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B224**  
History: InaCC B224 ← LIPI (Y. Widyastuti), 8BL2  
Source of sample: Tomato (*Solanum lycopersicum*)  
Locality: Kuta, Indonesia  
Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B1006**  
History: InaCC B1006 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca108) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan)  
Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum  
Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia  
Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B238**  
History: InaCC B238 ← LIPI (Y. Widyastuti), L18  
Source of sample: Srikaya (*Annona squamosa* L.) leaf  
Locality: Lombok, Indonesia  
Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B1005**

History: InaCC B1005 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca096) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SP - 096

Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B234**

History: InaCC B234 ← LIPI (Y. Widyastuti), JT112

Source of sample: fruit *Pyrus malus* var. *manalagi*

Locality: Indonesia

Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B232**

History: InaCC B232 ← LIPI (Y. Widyastuti), JT53

Source of sample: *Calancu* sp. leaf

Locality: Indonesia

Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B994**

History: InaCC B994 ← LIPI (Roni Ridwan) &amp; RIKEN (T. Irisawa) SHC - 328

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B1007**

History: InaCC B1007 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca113) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SP - 113

Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B173**

History: InaCC B173 ← LIPI (Y. Widyastuti), D21

Source of sample: Wild spinach

Locality: Dieng

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B997**

History: InaCC B997 ← LIPI (Roni Ridwan) &amp; RIKEN (T. Irisawa) SHC - 331

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B979**

History: InaCC B979 ← LIPI (Roni Ridwan) &amp; RIKEN (T. Irisawa) SPC - 255

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B977**

History: InaCC B977 ← LIPI (Roni Ridwan) &amp; RIKEN (T. Irisawa) SPC - 250

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C



***Lactobacillus plantarum***InaCC Number: InaCC **B976**

History: InaCC B976 ← LIPI (Roni Ridwan) &amp; RIKEN (T. Irisawa) SPC - 249

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B975**

History: InaCC B975 ← LIPI (Roni Ridwan) &amp; RIKEN (T. Irisawa) SPC - 246

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B981**

History: InaCC B981 ← LIPI (Roni Ridwan) &amp; RIKEN (T. Irisawa) SPC - 258

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B171**

History: InaCC B171 ← LIPI (Y. Widyastuti), 1B2011

Source of sample: *Annona montana* fruit

Locality: Cibinong, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B198**

History: InaCC B198 ← LIPI (Y. Widyastuti), 1BM09

Source of sample: White flower

Locality: Cibinong, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B194**

History: InaCC B194 ← LIPI (Y. Widyastuti), 1B2013

Source of sample: Srikaya fruit (*Annona squamosa* L.)

Locality: Cibinong, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B193**

History: InaCC B193 ← LIPI (Y. Widyastuti), 1B201

Source of sample: Srikaya fruit (*Annona squamosa* L.)

Locality: Cibinong, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B190**

History: InaCC B190 ← LIPI (Y. Widyastuti), 2331

Source of sample: Nata de coco

Locality: Bogor, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B186**

History: InaCC B186 ← LIPI (Y. Widyastuti), 4B81

Source of sample: Soft koji

Locality: Bogor, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B179**

History: InaCC B179 ← LIPI (Y. Widyastuti), PMS

Source of sample: Golden banana (*Musa aromatica*)

Locality: Sanggau, Indonesia

Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B178**  
 History: InaCC B178 ← LIPI (Y. Widyastuti), IBM07  
 Source of sample: Tahu (bean curd) wastes  
 Locality: Cibinong, Indonesia  
 Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B974**  
 History: InaCC B974 ← LIPI (Roni Ridwan) & RIKEN (T. Irisawa) SPC - 245  
 Source of sample: Corn (*Zea mays*) silage without inoculum  
 Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia  
 Cultivation: MRS, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B989**  
 History: InaCC B989 ← LIPI (Roni Ridwan) & RIKEN (T. Irisawa) SHC - 323  
 Source of sample: Corn (*Zea mays*) silage without inoculum  
 Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia  
 Cultivation: MRS, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B246**  
 History: InaCC B246 ← LIPI (Y. Widyastuti), 1A1  
 Source of sample: Tape ketan hitam (Fermented black glutinous rice)  
 Locality: Bogor, Indonesia  
 Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B210**  
 History: InaCC B210 ← LIPI (Y. Widyastuti), 15BL1  
 Source of sample: Kana flower (*Canna lily*)  
 Locality: Badung, Indonesia  
 Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B993**  
 History: InaCC B993 ← LIPI (Roni Ridwan) & RIKEN (T. Irisawa) SHC - 327  
 Source of sample: Corn (*Zea mays*) silage without inoculum  
 Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia  
 Cultivation: MRS, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B992**  
 History: InaCC B992 ← LIPI (Roni Ridwan) & RIKEN (T. Irisawa) SHC - 326  
 Source of sample: Corn (*Zea mays*) silage without inoculum  
 Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia  
 Cultivation: MRS, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B208**  
 History: InaCC B208 ← LIPI (Y. Widyastuti), ASPS1  
 Source of sample: Tamarind (*Tamarindus indica*)  
 Locality: Sanggau, Indonesia  
 Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B980**  
 History: InaCC B980 ← LIPI (Roni Ridwan) & RIKEN (T. Irisawa) SPC - 256  
 Source of sample: Corn (*Zea mays*) silage without inoculum  
 Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia  
 Cultivation: MRS, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B990**  
 History: InaCC B990 ← LIPI (Roni Ridwan) & RIKEN (T. Irisawa) SHC - 324  
 Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology  
LIPI, Cibinong, West Java, Indonesia  
Cultivation: MRS, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B211**  
History: InaCC B211 ← LIPI (Y. Widyastuti),  
8BL3  
Source of sample: Tomato (*Solanum  
lycopersicum*)  
Locality: Kuta, Indonesia  
Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B203**  
History: InaCC B203 ← LIPI (Y. Widyastuti),  
LP21  
Source of sample: Langsung fruit (*Lansium  
domesticum*)  
Locality: Pontianak, Indonesia  
Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B200**  
History: InaCC B200 ← LIPI (Y. Widyastuti),  
1B211  
Source of sample: Sirsak (*Annona muricata*)  
Locality: Cibinong, Indonesia  
Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B988**  
History: InaCC B988← LIPI (Roni Ridwan) &  
RIKEN (T. Irisawa) SPC - 302  
Source of sample: Corn (*Zea mays*) silage with-  
out inoculum  
Locality: Field Laboratory, RC Biotechnology  
LIPI, Cibinong, West Java, Indonesia  
Cultivation: MRS, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B987**  
History: InaCC B987 ← LIPI (Roni Ridwan) &  
RIKEN (T. Irisawa) SPC - 301

Source of sample: Corn (*Zea mays*) silage with-  
out inoculum

Locality: Field Laboratory, RC Biotechnology  
LIPI, Cibinong, West Java, Indonesia  
Cultivation: MRS, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B986**  
History: InaCC B986 ← LIPI (Roni Ridwan) &  
RIKEN (T. Irisawa) SPC - 300  
Source of sample: Corn (*Zea mays*) silage with-  
out inoculum  
Locality: Field Laboratory, RC Biotechnology  
LIPI, Cibinong, West Java, Indonesia  
Cultivation: MRS, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B985**  
History: InaCC B985 ← LIPI (Roni Ridwan) &  
RIKEN (T. Irisawa) SPC - 298  
Source of sample: Corn (*Zea mays*) silage with-  
out inoculum  
Locality: Field Laboratory, RC Biotechnology  
LIPI, Cibinong, West Java, Indonesia  
Cultivation: MRS, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B991**  
History: InaCC B991← LIPI (Roni Ridwan) &  
RIKEN (T. Irisawa) SHC - 325  
Source of sample: Corn (*Zea mays*) silage with-  
out inoculum  
Locality: Field Laboratory, RC Biotechnology  
LIPI, Cibinong, West Java, Indonesia  
Cultivation: MRS, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B341**  
History: InaCC B341 ← LIPI (Y. Widyastuti),  
DR332  
Source of sample: Dadih (fermented milk)  
Locality: Pekanbaru, Indonesia  
Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B369**  
 History: InaCC B369 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDE-L097  
 Source of sample: Cacao fermentation  
 Locality: Mocache  
 Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B1035**  
 History: InaCC B1035 ← LIPI (Yulansih Dwi Astuti) & RIKEN (Mitsuo Sakamoto) SHC - 341  
 Source of sample: Corn (*Zea mays*) silage without inoculum  
 Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia  
 Cultivation: MRS, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B305**  
 History: InaCC B305 ← LIPI (Y. Widyastuti), DSB11  
 Source of sample: Dadih (fermented milk)  
 Locality: Pincuran, Agam, Indonesia  
 Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B247**  
 History: InaCC B247 ← LIPI (Y. Widyastuti), JT22  
 Source of sample: Tape ketan hitam (Fermented black glutinous rice)  
 Locality: Indonesia  
 Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B372**  
 History: InaCC B372 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDT-L046  
 Source of sample: Cacao fermentation  
 Locality: Santo Domingo  
 Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B1009**  
 History: InaCC B1009 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca115) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SP - 115  
 Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum  
 Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia  
 Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B1016**  
 History: InaCC B1016 ← LIPI (Yantyati Widyastuti, SH - 144 ) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SH - 145  
 Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum  
 Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia  
 Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B1020**  
 History: InaCC B1020 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca157) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SH - 157  
 Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum  
 Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia  
 Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B1026**  
 History: InaCC B1026 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca195) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SH - 195  
 Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum  
 Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia  
 Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B1027**

History: InaCC B1027← LIPI (Yantyati Widyastuti, LIPI12-4-Ca041) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SPC - 243

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B1028**

History: InaCC B1028 ← LIPI (Yantyati Widyastuti, LIPI12-4-Ca042) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SPC - 244

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI, Cibinong, West Java, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B300**

History: InaCC B300 ← LIPI (Y. Widyastuti), DP111

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***InaCC Number: InaCC **B1030**

History: InaCC B1030← LIPI (Yulansih Dwi Astuti) &amp; RIKEN (Mitsuo Sakamoto) SHC - 335

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B1037**

History: InaCC B1037← LIPI (Yulansih Dwi Astuti) &amp; RIKEN (Mitsuo Sakamoto) SHC - 346

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B1031**

History: InaCC B1031← LIPI (Yulansih Dwi Astuti) &amp; RIKEN (Mitsuo Sakamoto) SHC - 336

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B1032**

History: InaCC B1032 ← LIPI (Yulansih Dwi Astuti) &amp; RIKEN (Mitsuo Sakamoto) SHC - 337

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B1033**

History: InaCC B1033 ← LIPI (Yulansih Dwi Astuti) &amp; RIKEN (Mitsuo Sakamoto) SHC - 338

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus plantarum***InaCC Number: InaCC **B351**

History: InaCC B351 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDI-L001

Source of sample: Cacao fermentation

Locality: PTPN XII, Jember

Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC B353  
 History: InaCC B353 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDI-L040  
 Source of sample: Cacao fermentation  
 Locality: PTPN XII, Jember  
 Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC B371  
 History: InaCC B371 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDT-L045  
 Source of sample: Cacao fermentation  
 Locality: Santo Domingo  
 Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC B354  
 History: InaCC B354 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), IDI-L049  
 Source of sample: Cacao fermentation  
 Locality: PTPN XII, Jember  
 Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC B355  
 History: InaCC B355 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), IDI-L053  
 Source of sample: Cacao fermentation  
 Locality: PTPN XII, Jember  
 Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC B362  
 History: InaCC B362 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDE-L054  
 Source of sample: Cacao fermentation  
 Locality: Mocache  
 Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC B1034  
 History: InaCC B1034 ← LIPI (Yulansih Dwi Astuti) & RIKEN (Mitsuo Sakamoto) SHC - 340

Source of sample: Corn (*Zea mays*) silage without inoculum

Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia

Cultivation: MRS, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC B364  
 History: InaCC B364 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDE-L059  
 Source of sample: Cacao fermentation  
 Locality: Mocache  
 Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC B368  
 History: InaCC B368 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDE-L087  
 Source of sample: Cacao fermentation  
 Locality: Mocache  
 Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC B168  
 History: InaCC B168 ← LIPI (Y. Widyastuti), 2BL3  
 Source of sample: Mango lali jiwo (*Mangifera indica* var. *lali jiwo*)  
 Locality: Lombok, Indonesia  
 Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC B1038  
 History: InaCC B1038 ← LIPI (Yulansih Dwi Astuti) & RIKEN (Mitsuo Sakamoto) SHC - 347  
 Source of sample: Corn (*Zea mays*) silage without inoculum  
 Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia  
 Cultivation: MRS, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC B248  
 History: InaCC B248 ← LIPI (Y. Widyastuti), 10G3

Source of sample: Palm wine  
 Locality: Bogor, Indonesia  
 Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B251**  
 History: InaCC B251 ← LIPI (Y. Widyastuti), 8A2  
 Source of sample: Passion fruit (*Passiflora quadrangularis*)  
 Locality: Bogor, Indonesia  
 Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B252**  
 History: InaCC B252 ← LIPI (Y. Widyastuti), JT52  
 Source of sample: *Calancu* sp. leaf  
 Locality: Indonesia  
 Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B1040**  
 History: InaCC B1040 ← LIPI (Yulansih Dwi Astuti) & RIKEN (Mitsuo Sakamoto) SHC - 353  
 Source of sample: Corn (*Zea mays*) silage without inoculum  
 Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia  
 Cultivation: MRS, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B253**  
 History: InaCC B253 ← LIPI (Y. Widyastuti), 1A2  
 Source of sample: Cassava tapai  
 Locality: Bogor, Indonesia  
 Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B254**  
 History: InaCC B254 ← LIPI (Y. Widyastuti), JT72  
 Source of sample: *Syzygium* sp. leaf

Locality: Indonesia  
 Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B256**  
 History: InaCC B256 ← LIPI (Y. Widyastuti), 1433  
 Source of sample: Sugar palm fruit  
 Locality: Bogor, Indonesia  
 Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B257**  
 History: InaCC B257 ← LIPI (Y. Widyastuti), TSD10  
 Source of sample: Cow feces  
 Locality: Bogor, Indonesia  
 Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B258**  
 History: InaCC B258 ← LIPI (Y. Widyastuti), 2C  
 Source of sample: Oncom yeast  
 Locality: Bogor, Indonesia  
 Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B260**  
 History: InaCC B260 ← LIPI (Y. Widyastuti), JT92  
 Source of sample: Sawo (*Manilkara achras*) fruit  
 Locality: Indonesia  
 Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B1010**  
 History: InaCC B1010 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca120) ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SP - 120  
 Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum

Locality: Field Laboratory, RC Biotechnology  
LIPI, Cibinong, West Java, Indonesia  
Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B1036**  
History: InaCC B1036 ← LIPI (Yulansih Dwi Astuti) & RIKEN (Mitsuo Sakamoto) SHC - 343  
Source of sample: Corn (*Zea mays*) silage without inoculum  
Locality: Field Laboratory, RC Biotechnology  
LIPI Cibinong, West Java, Indonesia  
Cultivation: MRS, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B1039**  
History: InaCC B1039 ← LIPI (Yulansih Dwi Astuti) & RIKEN (Mitsuo Sakamoto) SHC - 349  
Source of sample: Corn (*Zea mays*) silage without inoculum  
Locality: Field Laboratory, RC Biotechnology  
LIPI Cibinong, West Java, Indonesia  
Cultivation: MRS, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B1015**  
History: InaCC B1015 ← LIPI (Yantyati Widyastuti, LIPI11-4-Ca144 ← LIPI (Yantyati Widyastuti, Wulansih Dwi Astuti, Roni Ridwan), SH - 144  
Source of sample: Grass (*Pennisetum purpureum*) silage with *Lactobacillus plantarum* inoculum  
Locality: Field Laboratory, RC Biotechnology  
LIPI, Cibinong, West Java, Indonesia  
Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC **B266**  
History: InaCC B266 ← LIPI (Y. Widyastuti), JT73  
Source of sample: *Syzygium* sp. leaf  
Locality: Indonesia  
Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B267**  
History: InaCC B267 ← LIPI (Y. Widyastuti), JT42  
Source of sample: *Pandanus helicopus* leaf  
Locality: Indonesia  
Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B268**  
History: InaCC B268 ← LIPI (Y. Widyastuti), JT12  
Source of sample: *Datura* sp. flower  
Locality: Indonesia  
Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B270**  
History: InaCC B270 ← LIPI (Y. Widyastuti), 10G33  
Source of sample: Sugar palm (*Arenga pinnata*) wine  
Locality: Bogor  
Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B274**  
History: InaCC B274 ← LIPI (Y. Widyastuti), 25G12  
Source of sample: Tape ketan hitam (Fermented black glutinous rice)  
Locality: Bogor, Indonesia  
Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC **B275**  
History: InaCC B275 ← LIPI (Y. Widyastuti), DR181  
Source of sample: Dadih (fermented milk)  
Locality: Pekanbaru, Indonesia  
Cultivation: MRS



***Lactobacillus plantarum***

InaCC Number: InaCC B276

History: InaCC B276 ← LIPI (Y. Widyastuti), 25G1

Source of sample: Tape ketan hitam (Fermented black glutinous rice)

Locality: Bogor, Indonesia

Cultivation: MRS, pH 6, 30°C

***Lactobacillus plantarum***

InaCC Number: InaCC B277

History: InaCC B277 ← LIPI (Y. Widyastuti), 9A3

Source of sample: Pickles (cucumber)

Locality: Bogor, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC B278

History: InaCC B278 ← LIPI (Y. Widyastuti), 10A2

Source of sample: Nutmeg

Locality: Bogor, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC B291

History: InaCC ← LIPI (Y. Widyastuti), DR132

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC B294

History: InaCC B294 ← LIPI (Y. Widyastuti), DP141

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC B295

History: InaCC B295 ← LIPI (Y. Widyastuti), DP12

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Lactobacillus plantarum***

InaCC Number: InaCC B262

History: InaCC B262 ← LIPI (Y. Widyastuti), 21BL1(2)

Source of sample: Passion juice malle (*Passiflora edulis*)

Locality: Lombok, Indonesia

Cultivation: MRS, pH 6, 30°C

***Lactobacillus sp.***

InaCC Number: InaCC B162

History: InaCC B162 ← LIPI (Y. Widyastuti), DR172

Source of sample: Dadih (Fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Lactobacillus sp.***

InaCC Number: InaCC B152

History: InaCC B152 ← LIPI (Y. Widyastuti), 2332

Source of sample: Nata de coco

Locality: Bogor, Indonesia

Cultivation: MRS, pH 6, 30°C

***Lactobacillus sp.***

InaCC Number: InaCC B304

History: InaCC B304 ← LIPI (Y. Widyastuti), DP132

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Lactobacillus sp.***

InaCC Number: InaCC B301

History: InaCC B301 ← LIPI (Y. Widyastuti), DR174

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Lactobacillus* sp.**

InaCC Number: InaCC **B299**  
 History: InaCC B299 ← LIPI (Y. Widyastuti), DP112  
 Source of sample: Dadih (fermented milk)  
 Locality: Pekanbaru, Indonesia  
 Cultivation: MRS

***Lactobacillus* sp.**

InaCC Number: InaCC **B265**  
 History: InaCC B265 ← LIPI (Y. Widyastuti), JT82  
 Source of sample: *Cassia surattensis*  
 Locality: Indonesia  
 Cultivation: MRS, pH 6, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B237**  
 History: InaCC B237 ← LIPI (Y. Widyastuti), L14  
 Source of sample: Kesambi leaf  
 Locality: Lombok, Indonesia  
 Cultivation: MRS, pH 6, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B242**  
 History: InaCC B242 ← LIPI (Y. Widyastuti), 2A13  
 Source of sample: Tape ketan hitam (Fermented black glutinous rice)  
 Locality: Bogor, Indonesia  
 Cultivation: MRS

***Lactobacillus* sp.**

InaCC Number: InaCC **B622**  
 History: InaCC B622 ← LIPI (Rohmatussolihat, LIPI12-2-LAB133) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 33T06-7  
 Source of sample: Tauco  
 Locality: Pasar Pagi Cirebon, Cirebon, West Java  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B665**  
 History: InaCC B665 ← LIPI (Rohmatussolihat, LIPI13-2-LAB045) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 69T06-5  
 Source of sample: Tapai (fermented black glutinous rice)  
 Locality: Solok, West Sumatra  
 Cultivation: TSYE, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B621**  
 History: InaCC B621 ← LIPI (Rohmatussolihat, LIPI12-2-LAB130) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 33M06-4  
 Source of sample: Tauco  
 Locality: Pasar Pagi, Cirebon, Cirebon, West Java  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B628**  
 History: InaCC B628 ← LIPI (Rohmatussolihat, LIPI12-2-LAB144B) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 8aT06-3  
 Source of sample: Usar  
 Locality: Sleman, Yogyakarta  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B632**  
 History: InaCC B632 ← LIPI (Rohmatussolihat, LIPI12-2-LAB153) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 14aT06-1  
 Source of sample: Waru leaves  
 Locality: Muntilan, Magelang, Central Java  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B643**  
 History: InaCC B643 ← LIPI (Rohmatussolihat, LIPI13-2-LAB011) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 54EM06-5  
 Source of sample: Terasi  
 Locality: Sukawati, Bali  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**InaCC Number: InaCC **B644**

History: InaCC B644 ← LIPI (Rohmatussolihat, LIPI13-2-LAB012) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 54EM06-6

Source of sample: Terasi

Locality: Sukawati, Bali

Cultivation: MRS, 30°C

***Lactobacillus* sp.**InaCC Number: InaCC **B600**

History: InaCC B600 ← LIPI (Rohmatussolihat, LIPI12-2-LAB102) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 28M106-3

Source of sample: Salty mustard

Locality: Pasar Anyar, Bogor, West Java

Cultivation: MRS, 30°C

***Lactobacillus* sp.**InaCC Number: InaCC **B664**

History: InaCC B664 ← LIPI (Rohmatussolihat, LIPI13-2-LAB044) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 69M06-3

Source of sample: Tapai (fermented black glutinous rice)

Locality: Solok, West Sumatra

Cultivation: MRS, 30°C

***Lactobacillus* sp.**InaCC Number: InaCC **B617**

History: InaCC B617 ← LIPI (Rohmatussolihat, LIPI12-2-LAB126) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 30T06-2

Source of sample: Pickles

Locality: Pajajaran Street, Bogor, West Java

Cultivation: MRS, 30°C

***Lactobacillus* sp.**InaCC Number: InaCC **B668**

History: InaCC B668 ← LIPI (Rohmatussolihat, LIPI13-2-LAB050) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 70M06-3

Source of sample: Tapai (cassava tapai)

Locality: Solok, West Sumatra

Cultivation: MRS, 30°C

***Lactobacillus* sp.**InaCC Number: InaCC **B669**

History: InaCC B669 ← LIPI (Rohmatussolihat, LIPI13-2-LAB051) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 70M06-4

Source of sample: Tapai (cassava tapai)

Locality: Solok, West Sumatra

Cultivation: MRS, 30°C

***Lactobacillus* sp.**InaCC Number: InaCC **B671**

History: InaCC B671 ← LIPI (Rohmatussolihat, LIPI13-2-LAB057) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 71M06-1

Source of sample: Rice tapai (fermented green glutinous rice) water

Locality: Solok, West Sumatra

Cultivation: MRS, 30°C

***Lactobacillus* sp.**InaCC Number: InaCC **B673**

History: InaCC B673 ← LIPI (Rohmatussolihat, LIPI13-2-LAB060) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 71M06-4

Source of sample: Rice tapai (fermented green glutinous rice) water

Locality: Solok, West Sumatra

Cultivation: MRS, 30°C

***Lactobacillus* sp.**InaCC Number: InaCC **B674**

History: InaCC B674 ← LIPI (Rohmatussolihat, LIPI13-2-LAB061) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 71M06-5

Source of sample: Rice tapai (Fermented green glutinous rice) water

Locality: Solok, West Sumatra

Cultivation: MRS, 30°C

***Lactobacillus* sp.**InaCC Number: InaCC **B680**

History: InaCC B680 ← LIPI (Rohmatussolihat, LIPI13-2-LAB073) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 72EM06-4

Source of sample: Tauco

Locality: Solok, West Sumatra  
Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B663**  
History: InaCC B663 ← LIPI (Rohmatussolihat, LIPI13-2-LAB043) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 69M06-1  
Source of sample: Tapai (fermented black glutinous rice)  
Locality: Solok, West Sumatra  
Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B610**  
History: InaCC B610 ← LIPI (Rohmatussolihat, LIPI12-2-LAB116) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 29T06-9  
Source of sample: Salty mustard  
Locality: Pasar Anyar, Bogor, West Java  
Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B601**  
History: InaCC B601 ← LIPI (Rohmatussolihat, LIPI12-2-LAB103) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 28M106-5  
Source of sample: Salty mustard  
Locality: Pasar Anyar, Bogor, West Java  
Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B602**  
History: InaCC B602 ← LIPI (Rohmatussolihat, LIPI12-2-LAB105) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 28T06-2  
Source of sample: Salty mustard  
Locality: Pasar Anyar, Bogor, West Java  
Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B604**  
History: InaCC B604 ← LIPI (Rohmatussolihat, LIPI12-2-LAB107) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 28T06-4

Source of sample: Salty mustard  
Locality: Pasar Anyar, Bogor, West Java  
Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B605**  
History: InaCC B605 ← LIPI (Rohmatussolihat, LIPI12-2-LAB108) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 29M06-1  
Source of sample: Salty mustard  
Locality: Pasar Anyar, Bogor, West Java  
Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B606**  
History: InaCC B606 ← LIPI (Rohmatussolihat, LIPI12-2-LAB109) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 29M06-2  
Source of sample: Salty mustard  
Locality: Pasar Anyar, Bogor, West Java  
Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B607**  
History: InaCC B607 ← LIPI (Rohmatussolihat, LIPI12-2-LAB111) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 29M06-4  
Source of sample: Salty mustard  
Locality: Pasar Anyar, Bogor, West Java  
Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B619**  
History: InaCC B619 ← LIPI (Rohmatussolihat, LIPI12-2-LAB128) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 33M06-2  
Source of sample: Tauco  
Locality: Pasar Pagi Cirebon, Cirebon, West Java  
Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B609**  
History: InaCC B609 ← LIPI (Rohmatussolihat, LIPI12-2-LAB113) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 29M06-6

Source of sample: Salty mustard  
 Locality: Pasar Anyar, Bogor, West Java  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B618**  
 History: InaCC B618 ← LIPI (Rohmatussolihat, LIPI12-2-LAB127) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 33M06-1  
 Source of sample: Tauco  
 Locality: Pasar Pagi Cirebon, Cirebon, West Java  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B611**  
 History: InaCC B611 ← LIPI (Rohmatussolihat, LIPI12-2-LAB118) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 30M06-1  
 Source of sample: Pickles  
 Locality: Pajajaran Street, Bogor, West Java  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B613**  
 History: InaCC B613 ← LIPI (Rohmatussolihat, LIPI12-2-LAB121) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 30M06-4  
 Source of sample: Pickles  
 Locality: Pajajaran Street, Bogor, West Java  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B614**  
 History: InaCC B614 ← LIPI (Rohmatussolihat, LIPI12-2-LAB122) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 30M06-5  
 Source of sample: Pickles  
 Locality: Pajajaran Street, Bogor, West Java  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B615**  
 History: InaCC B615 ← LIPI (Rohmatussolihat, LIPI12-2-LAB123) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 30M06-6

Source of sample: Pickles  
 Locality: Pajajaran Street, Bogor, West Java  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B616**  
 History: InaCC B616 ← LIPI (Rohmatussolihat, LIPI12-2-LAB124) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 30M06-7  
 Source of sample: Pickles  
 Locality: Pajajaran Street, Bogor, West Java  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B684**  
 History: InaCC B684 ← LIPI (Rohmatussolihat, LIPI13-2-LAB077A) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 73M06-2a  
 Source of sample: Dadih  
 Locality: Solok, West Sumatra  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B608**  
 History: InaCC B608 ← LIPI (Rohmatussolihat, LIPI12-2-LAB112) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 29M06-5  
 Source of sample: Salty mustard  
 Locality: Pasar Anyar, Bogor, West Java  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B750**  
 History: InaCC B750 ← LIPI (Rohmatussolihat, LIPI13-2-LAB200) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 92T06-1  
 Source of sample: Zalacca sweets  
 Locality: Padang, West Sumatra  
 Cultivation: TSYE, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B681**  
 History: InaCC B681 ← LIPI (Rohmatussolihat, LIPI13-2-LAB074) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 72EM06-5

Source of sample: Tauco  
 Locality: Solok, West Sumatra  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B727**  
 History: InaCC B727 ← LIPI (Rohmatussolihat, LIPI13-2-LAB149) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 82/83M06-5  
 Source of sample: Tapai (cassava tapai) & tapai water  
 Locality: Bukittinggi, West Sumatra  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B732**  
 History: InaCC B732 ← LIPI (Rohmatussolihat, LIPI13-2-LAB164) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 87ET06-1  
 Source of sample: Honey  
 Locality: Bukittinggi, West Sumatra  
 Cultivation: TSYE, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B733**  
 History: InaCC B733 ← LIPI (Rohmatussolihat, LIPI13-2-LAB166) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 87ET06-3  
 Source of sample: Honey  
 Locality: Bukittinggi, West Sumatra  
 Cultivation: TSYE, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B734**  
 History: InaCC B734 ← LIPI (Rohmatussolihat, LIPI13-2-LAB168) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 87EM06-5  
 Source of sample: Honey  
 Locality: Bukittinggi, West Sumatra  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B742**  
 History: InaCC B742 ← LIPI (Rohmatussolihat, LIPI13-2-LAB183) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 89S07-6

Source of sample: Dadih  
 Locality: Bukittinggi, West Sumatra  
 Cultivation: TSYE, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B724**  
 History: InaCC B724 ← LIPI (Rohmatussolihat, LIPI13-2-LAB145) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 82/83M06-1  
 Source of sample: Tapai (cassava tapai) & tapai water  
 Locality: Bukittinggi, West Sumatra  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B749**  
 History: InaCC B749 ← LIPI (Rohmatussolihat, LIPI13-2-LAB199) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 92M06-1  
 Source of sample: Zalacca sweets  
 Locality: Padang, West Sumatra  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B722**  
 History: InaCC B722 ← LIPI (Rohmatussolihat, LIPI13-2-LAB142) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 80S07-8  
 Source of sample: Dadih  
 Locality: Bukittinggi, West Sumatra  
 Cultivation: TSYE, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B752**  
 History: InaCC B752 ← LIPI (Rohmatussolihat, LIPI13-2-LAB204) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 94M06-1  
 Source of sample: Bambo shoot  
 Locality: Padang, West Sumatra  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B753**  
 History: InaCC B753 ← LIPI (Rohmatussolihat, LIPI13-2-LAB206) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 94M06-3

Source of sample: Bamboo shoot

Locality: Padang, West Sumatra

Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B754**

History: InaCC B754 ← LIPI (Rohmatussolihat, LIPI13-2-LAB207) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 94M06-4

Source of sample: Bamboo shoot

Locality: Padang, West Sumatra

Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B755**

History: InaCC B755 ← LIPI (Rohmatussolihat, LIPI13-2-LAB210) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 95M06-1

Source of sample: Dadih

Locality: Padang, West Sumatra

Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B757**

History: InaCC B757 ← LIPI (Rohmatussolihat, LIPI13-2-LAB213) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 95T06-5

Source of sample: Dadih

Locality: Padang, West Sumatra

Cultivation: TSYE, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B759**

History: InaCC B759 ← LIPI (Rohmatussolihat, LIPI13-2-LAB218) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 96M06-2

Source of sample: Tapai (cassava tapai)

Locality: Padang, West Sumatra

Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B743**

History: InaCC B743 ← LIPI (Rohmatussolihat, LIPI13-2-LAB184) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 90M06-1

Source of sample: Dadih

Locality: Bukittinggi, West Sumatra

Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B705**

History: InaCC B705 ← LIPI (Rohmatussolihat, LIPI13-2-LAB116) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 77ET06-2

Source of sample: Yeast

Locality: Bukittinggi, West Sumatra

Cultivation: TSYE, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B740**

History: InaCC B740 ← LIPI (Rohmatussolihat, LIPI13-2-LAB178) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 89M06-1

Source of sample: Dadih

Locality: Bukittinggi, West Sumatra

Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B685**

History: InaCC B685 ← LIPI (Rohmatussolihat, LIPI13-2-LAB077B) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 73M06-2b

Source of sample: Dadih

Locality: Solok, West Sumatra

Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B689**

History: InaCC B689 ← LIPI (Rohmatussolihat, LIPI13-2-LAB084) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 74ET06-1

Source of sample: Terasi

Locality: Solok, West Sumatra

Cultivation: TSYE, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B691**

History: InaCC B691 ← LIPI (Rohmatussolihat, LIPI13-2-LAB087) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 74EM06-4

Source of sample: Terasi  
 Locality: Solok, West Sumatra  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B692**  
 History: InaCC B692 ← LIPI (Rohmatussolihat, LIPI13-2-LAB088) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 74EM06-5  
 Source of sample: Terasi  
 Locality: Solok, West Sumatra  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B697**  
 History: InaCC B697 ← LIPI (Rohmatussolihat, LIPI13-2-LAB099) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 75EM06-2  
 Source of sample: Tauco  
 Locality: Solok, West Sumatra  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B725**  
 History: InaCC B725 ← LIPI (Rohmatussolihat, LIPI13-2-LAB147) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 82/83M06-3  
 Source of sample: Tapai (cassava tapai) & tape water  
 Locality: Bukittinggi, West Sumatra  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B699**  
 History: InaCC B699 ← LIPI (Rohmatussolihat, LIPI13-2-LAB101) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 75EM06-4  
 Source of sample: Tauco  
 Locality: Solok, West Sumatra  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B683**  
 History: InaCC B683 ← LIPI (Rohmatussolihat, LIPI13-2-LAB076) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 73M06-1

Source of sample: Dadih  
 Locality: Solok, West Sumatra  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B706**  
 History: InaCC B706 ← LIPI (Rohmatussolihat, LIPI13-2-LAB117) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 77EM06-3  
 Source of sample: Yeast  
 Locality: Bukittinggi, West Sumatra  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B714**  
 History: InaCC B714 ← LIPI (Rohmatussolihat, LIPI13-2-LAB128) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 79M06-1  
 Source of sample: Dadih  
 Locality: Bukittinggi, West Sumatra  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B715**  
 History: InaCC B715 ← LIPI (Rohmatussolihat, LIPI13-2-LAB129) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 79M06-2  
 Source of sample: Dadih  
 Locality: Bukittinggi, West Sumatra  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B716**  
 History: InaCC B716 ← LIPI (Rohmatussolihat, LIPI13-2-LAB130) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 79M06-3  
 Source of sample: Dadih  
 Locality: Bukittinggi, West Sumatra  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B717**  
 History: InaCC B717 ← LIPI (Rohmatussolihat, LIPI13-2-LAB131) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 79T06-4



Source of sample: Dadih  
 Locality: Bukittinggi, West Sumatra  
 Cultivation: TSYE, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B719**  
 History: InaCC B719 ← LIPI (Rohmatussolihat, LIPI13-2-LAB137) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 80M06-3  
 Source of sample: Dadih  
 Locality: Bukittinggi, West Sumatra  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B698**  
 History: InaCC B698 ← LIPI (Rohmatussolihat, LIPI13-2-LAB100) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 75EM06-3  
 Source of sample: Tauco  
 Locality: Solok, West Sumatra  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B555**  
 History: InaCC B555 ← LIPI (Rohmatussolihat, LIPI12-2-LAB021) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 9M06-1  
 Source of sample: Green glutinous rice (tapai)  
 Locality: Sleman, Yogyakarta  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B580**  
 History: InaCC B580 ← LIPI (Rohmatussolihat, LIPI12-2-LAB071) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 17T06-2  
 Source of sample: Fermented black glutinous rice  
 Locality: Kranggan, Yogyakarta  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B558**  
 History: InaCC B558 ← LIPI (Rohmatussolihat, LIPI12-2-LAB031) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 11M06-4

Source of sample: Cassava tapai  
 Locality: Sleman, Yogyakarta  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B594**  
 History: InaCC B594 ← LIPI (Rohmatussolihat, LIPI12-2-LAB092) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 26M06-1  
 Source of sample: Black oncom  
 Locality: Pasar Anyar, Bogor, West Java  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B546**  
 History: InaCC B546 ← LIPI (Rohmatussolihat, LIPI12-2-LAB004) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 5M06-1  
 Source of sample: Pickles  
 Locality: food fest, Yogyakarta  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B588**  
 History: InaCC B588 ← LIPI (Rohmatussolihat, LIPI12-2-LAB085) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 25M06-1  
 Source of sample: Black oncom (fermented peanut)  
 Locality: Pasar Anyar, Bogor, West Java  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B560**  
 History: InaCC B560 ← LIPI (Rohmatussolihat, LIPI12-2-LAB033) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 11M106-2  
 Source of sample: Cassava tapai  
 Locality: Sleman, Yogyakarta  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B548**  
 History: InaCC B548 ← LIPI (Rohmatussolihat, LIPI12-2-LAB011) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 6M06-2

Source of sample: Tapai yeast  
 Locality: Sleman, Yogyakarta  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B591**  
 History: InaCC B591 ← LIPI (Rohmatussolihat, LIPI12-2-LAB088) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 25M06-4  
 Source of sample: Black oncom (fermented peanut)  
 Locality: Pasar Anyar, Bogor, West Java  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B589**  
 History: InaCC B589 ← LIPI (Rohmatussolihat, LIPI12-2-LAB086) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 25M06-2  
 Source of sample: Black oncom (fermented peanut)  
 Locality: Pasar Anyar, Bogor, West Java  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B1394**  
 History: InaCC B1394 ← LIPI (Puspita Lisdiyanti, LB\_3)  
 Source of sample: Palm civet feces  
 Locality: Wonosobo, Central Java  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B1395**  
 History: InaCC B1395 ← LIPI (Puspita Lisdiyanti, LB\_8)  
 Source of sample: Soil of Arabica coffee field  
 Locality: Wonosobo, Central Java  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B1396**  
 History: InaCC B1396 ← LIPI (Puspita Lisdiyanti, LB\_9)  
 Source of sample: Soil of Arabica coffee field

Locality: Wonosobo, Central Java  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B1397**  
 History: InaCC B1397 LIPI (Puspita Lisdiyanti, LB\_10)  
 Source of sample: Soil of Arabica coffee field  
 Locality: Wonosobo, Central Java  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B1398**  
 History: InaCC B1398 ← LIPI (Puspita Lisdiyanti, LB\_16)  
 Source of sample: Soil of Arabica coffee field  
 Locality: Wonosobo, Central Java  
 Cultivation: MRS, 30°C

***Lactobacillus* sp.**

InaCC Number: InaCC **B1399**  
 History: InaCC B1399 ← LIPI (Puspita Lisdiyanti, LB\_26)  
 Source of sample: Coffee exocarp + mesocarp  
 Locality: Dampit, Malang  
 Cultivation: MRS, 30°C

***Lactococcus garvieae***

InaCC Number: InaCC **B1233**  
 History: InaCC B1233 ← LIPI (A'liyatur Rasyidah), H9.1  
 Source of sample: *Syzygium* sp.  
 Locality: IBBE, FEF District, TAMBRAUW Regency  
 Cultivation: MRS, pH 7, 37°C

***Lactococcus lactis***

InaCC Number: InaCC **B126**  
 History: InaCC B126 ← LIPI (Y. Widyastuti), DR162  
 Source of sample: Dadih (fermented milk)  
 Locality: Pekanbaru, Indonesia  
 Cultivation: MRS

***Lactococcus lactis***InaCC Number: InaCC **B187**

History: InaCC B187 ← LIPI (Y. Widyastuti), 4B13

Source of sample: Soybean

Locality: Bogor, Indonesia

Cultivation: MRS

***Lactococcus lactis***InaCC Number: InaCC **B1238**

History: InaCC B1238 ← LIPI (Heddy Julistiono), H12.2

Source of sample: *Galearia celebica* Koord

Locality: IBBE, Fef District, Tambrauw Regency

Cultivation: MRS, pH 7, 37°C

***Lactococcus lactis***InaCC Number: InaCC **B124**

History: InaCC B124 ← LIPI (Y. Widyastuti), DR211

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Lactococcus lactis***InaCC Number: InaCC **B1230**

History: InaCC B1230 ← LIPI (A'liyatur Rasyidah), H3.1

Source of sample: *Tavernaemontana aurantiaca* Guadich

Locality: RUFF, Fef District, Tambrauw Regency

Cultivation: MRS, pH 7, 37°C

***Lactococcus lactis***InaCC Number: InaCC **B1237**

History: InaCC B1237 ← LIPI (Heddy Julistiono), H12.1

Source of sample: *Galearia celebica* Koord.

Locality: IBBE, Fef District, Tambrauw Regency

Cultivation: MRS, pH 7, 37°C

***Lactococcus lactis***InaCC Number: InaCC **B1236**

History: InaCC B1236 ← LIPI (A'liyatur Rasyidah), H10.2

Source of sample: *Myristica subalulata* Miq.

Locality: IBBE, Fef District, Tambrauw Regency

Cultivation: MRS, pH 7, 37°C

***Lactococcus lactis***InaCC Number: InaCC **B1235**

History: InaCC B1235 ← LIPI (A'liyatur Rasyidah), HM1.2

Source of sample: *Donax canniformis*

Locality: RUFF, Fef District, Tambrauw Regency

Cultivation: MRS, pH 7, 37°C

***Lactococcus lactis***InaCC Number: InaCC **B1234**

History: InaCC B1234 ← LIPI (A'liyatur Rasyidah), HM1.1

Source of sample: *Donax canniformis*

Locality: RUFF, Fef District, Tambrauw Regency

Cultivation: MRS, pH 7, 37°C

***Lactococcus lactis***InaCC Number: InaCC **B1231**

History: InaCC B1231 ← LIPI (A'liyatur Rasyidah), H3.2

Source of sample: *Tavernaemontana aurantiaca* Guadich

Locality: RUFF, Fef District, Tambrauw Regency

Cultivation: MRS, pH 7, 37°C

***Lactococcus lactis***InaCC Number: InaCC **B182**

History: InaCC B182 ← LIPI (Y. Widyastuti), 1B191

Source of sample: Bauhinia flower

Locality: Cibinong, Indonesia

Cultivation: MRS

***Lactococcus lactis***InaCC Number: InaCC **B302**

History: InaCC B302 ← LIPI (Y. Widyastuti), DR223

Source of sample: Dadih (fermented milk)

Locality: Pekanbaru, Indonesia

Cultivation: MRS

***Lactococcus lactis***

InaCC Number: InaCC **B308**  
 History: InaCC B308 ← LIPI (Y. Widyastuti), DR16  
 Source of sample: Dadih (fermented milk)  
 Locality: Pekanbaru, Indonesia  
 Cultivation: MRS

***Lactococcus lactis***

InaCC Number: InaCC **B192**  
 History: InaCC B192 ← LIPI (Y. Widyastuti), 1B13  
 Source of sample: Matoa fruit (*Pometia pinnata*)  
 Locality: Cibinong, Indonesia  
 Cultivation: MRS

***Lactococcus lactis***

InaCC Number: InaCC **B136**  
 History: InaCC B136 ← LIPI (Y. Widyastuti), DR242  
 Source of sample: Dadih (fermented milk)  
 Locality: Pekanbaru, Indonesia  
 Cultivation: MRS

***Lactococcus lactis***

InaCC Number: InaCC **B130**  
 History: InaCC B130 ← LIPI (Y. Widyastuti), DR232  
 Source of sample: Dadih (fermented milk)  
 Locality: Pekanbaru, Indonesia  
 Cultivation: MRS

***Lactococcus lactis***

InaCC Number: InaCC **B201**  
 History: InaCC B201 ← LIPI (Y. Widyastuti), 1B222  
 Source of sample: Srikaya fruit (*Annona squamosa* L.)  
 Locality: Cibinong, Indonesia  
 Cultivation: MRS

***Lactococcus lactis***

InaCC Number: InaCC **B1241**  
 History: InaCC B1241 ← LIPI (Heddy Julistiono), HM7

Source of sample: *Lasianthus* sp.  
 Locality: IBBE, Fef District, Tambrauw Regency  
 Cultivation: MRS, pH 7, 37°C

***Lactococcus lactis***

InaCC Number: InaCC **B229**  
 History: InaCC B229 ← LIPI (Y. Widyastuti), 1B142  
 Source of sample: Mangosteen (*Garcinia mangostana*)  
 Locality: Cibinong, Indonesia  
 Cultivation: MRS

***Lactococcus lactis***

InaCC Number: InaCC **B298**  
 History: InaCC B298 ← LIPI (Y. Widyastuti), DR312  
 Source of sample: Dadih (fermented milk)  
 Locality: Pekanbaru, Indonesia  
 Cultivation: MRS

***Lactococcus lactis* subsp. *lactis***

InaCC Number: InaCC **B273**  
 History: InaCC B273 ← LIPI (Y. Widyastuti), 1B72  
 Source of sample: Banana flower  
 Locality: Cibinong, Indonesia  
 Cultivation: MRS

***Lactococcus* sp.**

InaCC Number: InaCC **B626**  
 History: InaCC B626 ← LIPI (Rohmatussolihat, LIPI12-2-LAB138) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 35T06-4  
 Source of sample: Glutinous rice (tapai)  
 Locality: Kuningan, West Java  
 Cultivation: TSYE, 30°C

***Lactococcus* sp.**

InaCC Number: InaCC **B567**  
 History: InaCC B567 ← LIPI (Rohmatussolihat, LIPI12-2-LAB048) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 13T06-1  
 Source of sample: Tempe gembus

Locality: Muntilan, Magelang, Central Java  
Cultivation: TSYE, 30°C

***Lactococcus* sp.**

InaCC Number: InaCC **B572**  
History: InaCC B572 ← LIPI (Rohmatussolihat, LIPI12-2-LAB054) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 15M06-2  
Source of sample: Presto bandeng  
Locality: Beringharjo, Yogyakarta,  
Cultivation: MRS, 30°C

***Lactococcus* sp.**

InaCC Number: InaCC **B625**  
History: InaCC B625 ← LIPI (Rohmatussolihat, LIPI12-2-LAB136) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 35M06-2  
Source of sample: Fermented glutinous rice (tapai)  
Locality: Kuningan, West Java  
Cultivation: TSYE, 30°C

***Lactococcus* sp.**

InaCC Number: InaCC **B563**  
History: InaCC B563 ← LIPI (Rohmatussolihat, LIPI12-2-LAB038) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 12M06-2  
Source of sample: Pindang bandeng  
Locality: Sleman, Yogyakarta  
Cultivation: MRS, 30°C

***Lactococcus* sp.**

InaCC Number: InaCC **B756**  
History: InaCC B756 ← LIPI (Rohmatussolihat, LIPI13-2-LAB212) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 95M06-3  
Source of sample: Dadih  
Locality: Padang, West Sumatra  
Cultivation: TSYE, 30°C

***Lactococcus* sp.**

InaCC Number: InaCC **B737**  
History: InaCC B737 ← LIPI (Rohmatussolihat, LIPI13-2-LAB173) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 88T06-6

Source of sample: Lamang tapai  
Locality: Bukittinggi, West Sumatra  
Cultivation: TSYE, 30°C

***Lactococcus* sp.**

InaCC Number: InaCC **B721**  
History: InaCC B721 ← LIPI (Rohmatussolihat, LIPI13-2-LAB140) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 80T06-6  
Source of sample: Dadih  
Locality: Bukittinggi, West Sumatra  
Cultivation: TSYE, 30°C

***Lactococcus* sp.**

InaCC Number: InaCC **B736**  
History: InaCC B736 ← LIPI (Rohmatussolihat, LIPI13-2-LAB172) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 88T06-5  
Source of sample: Lamang tapai  
Locality: Bukittinggi, West Sumatra  
Cultivation: TSYE, 30°C

***Lactococcus* sp.**

InaCC Number: InaCC **B553**  
History: InaCC B553 ← LIPI (Rohmatussolihat, LIPI12-2-LAB018) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 7T06-6  
Source of sample: Tempe  
Locality: Sleman, Yogyakarta  
Cultivation: TSYE, 30°C

***Lactococcus* sp.**

InaCC Number: InaCC **B125**  
History: InaCC B125 ← LIPI (Y. Widyastuti), DR231  
Source of sample: Dadih (fermented milk)  
Locality: Pekanbaru, Indonesia  
Cultivation: MRS

***Lactococcus* sp.**

InaCC Number: InaCC **B747**  
History: InaCC B747 ← LIPI (Rohmatussolihat, LIPI13-2-LAB193) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 90S07-10

Source of sample: Dadih  
 Locality: Bukittinggi, West Sumatra  
 Cultivation: TSYE, 30°C

***Lactococcus* sp.**

InaCC Number: InaCC **B582**  
 History: InaCC B582 ← LIPI (Rohmatussolihat, LIPI12-2-LAB075) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 19M06-2  
 Source of sample: Mashed (grined) soybean  
 Locality: Bambang's Tofu factory, Prambanan, Yogyakarta  
 Cultivation: TSYE, 30°C

***Lactococcus* sp.**

InaCC Number: InaCC **B711**  
 History: InaCC B711 ← LIPI (Rohmatussolihat, LIPI13-2-LAB125) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 78T06-5  
 Source of sample: Tapai (cassava tapai)  
 Locality: Bukittinggi, West Sumatra  
 Cultivation: TSYE, 30°C

***Leclercia adecarboxylata***

InaCC Number: InaCC **B29**  
 History: InaCC ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), 105LLC  
 Source of sample: Leaf  
 Locality: Protected Forest Mekongga, Tinukari, North Kolaka  
 Cultivation: NA/TSA, pH 7, 30°C

***Leclercia adecarboxylata***

InaCC Number: InaCC **B889**  
 History: InaCC B889 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B170 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana) 10c  
 Source of sample: Plant (kacang panjang [bean], *Vigna sinensis*), root nodule  
 Locality: Mt. Pancar, Bogor, Indonesia  
 Cultivation: NBRC 804, 25°C

***Leucobacter* sp.**

InaCC Number: InaCC **B12**  
 History: InaCC B12 ← LIPI (Agustinus Joko N) ← ICBG (Kyria et al.), 017C

Source of sample: Larva gut  
 Locality: Protected Forest Mekongga, Tinukari, North Kolaka  
 Cultivation: NA/TSA, pH 7, 30°C

***Leuconostoc mesenteroides***

InaCC Number: InaCC **B167**  
 History: InaCC B167 ← LIPI (Y. Widyastuti), 4BL12  
 Source of sample: Papaya (*Carica papaya*)  
 Locality: Lombok, Indonesia  
 Cultivation: MRS

***Leuconostoc mesenteroides***

InaCC Number: InaCC **B158**  
 History: InaCC B158 ← LIPI (Y. Widyastuti), 1332  
 Source of sample: Pickle (taoge/*Vigna radiata*)  
 Locality: Bogor, Indonesia  
 Cultivation: MRS, pH 6, 30°C

***Leuconostoc mesenteroides***

InaCC Number: InaCC **B161**  
 History: InaCC B161 ← LIPI (Y. Widyastuti), 232  
 Source of sample: Sweet potato (*Ipomoea batatas*)  
 Locality: Bogor, Indonesia  
 Cultivation: MRS, pH 6, 30°C

***Leuconostoc mesenteroides***

InaCC Number: InaCC **B155**  
 History: InaCC B155 ← LIPI (Y. Widyastuti), 1432  
 Source of sample: Sugar palm fruit  
 Locality: Bogor, Indonesia  
 Cultivation: MRS, pH 6, 30°C

***Leuconostoc mesenteroides***

InaCC Number: InaCC **B263**  
 History: InaCC B263 ← LIPI (Y. Widyastuti), 019  
 Source of sample: *Cocos nucifera*  
 Locality: Bogor, Indonesia  
 Cultivation: MRS, pH 6, 30°C

***Leuconostoc mesenteroides***InaCC Number: InaCC **B261**

History: InaCC B261 ← LIPI (Y. Widyastuti), 5C1

Source of sample: Rambutan (*Nephelium lappaceum*)

Locality: Cibinong, Indonesia

Cultivation: MRS

***Leuconostoc mesenteroides***InaCC Number: InaCC **B255**

History: InaCC B255 ← LIPI (Y. Widyastuti), 2333

Source of sample: Nata de coco

Locality: Bogor, Indonesia

Cultivation: MRS, pH 6, 30°C

***Leuconostoc mesenteroides***InaCC Number: InaCC **B219**

History: InaCC B219 ← LIPI (Y. Widyastuti), 3C2

Source of sample: Ubi kayu (*Manihot esculenta*)

Locality: Cibinong, Indonesia

Cultivation: MRS

***Leuconostoc mesenteroides***InaCC Number: InaCC **B216**

History: InaCC B216 ← LIPI (Y. Widyastuti), 233

Source of sample: Sweet potato (*Ipomoea batatas*)

Locality: Bogor, Indonesia

Cultivation: MRS, pH 6, 30°C

***Leuconostoc mesenteroides***InaCC Number: InaCC **B202**

History: InaCC B202 ← LIPI (Y. Widyastuti), KS2

Source of sample: Kebembem (*Mangifera odorata*)

Locality: Sanggau, Indonesia

Cultivation: MRS, pH 6, 30°C

***Leuconostoc* sp.**InaCC Number: InaCC **B672**

History: InaCC B672 ← LIPI (Rohmatussolihat, LIPI13-2-LAB059) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 71M06-3

Source of sample: Rice tape (fermented green glutinous rice) water

Locality: Solok, West Sumatra

Cultivation: MRS, 30°C

***Leuconostoc* sp.**InaCC Number: InaCC **B744**

History: InaCC B744 ← LIPI (Rohmatussolihat, LIPI13-2-LAB186) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 90M06-3

Source of sample: Dadih

Locality: Bukittinggi, West Sumatra

Cultivation: MRS, 30°C

***Leuconostoc* sp.**InaCC Number: InaCC **B566**

History: InaCC B566 ← LIPI (Rohmatussolihat, LIPI12-2-LAB045) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 13M06-2

Source of sample: Tempe gembus

Locality: Muntilan, Magelang, Central Java

Cultivation: MRS, 30°C

***Leuconostoc* sp.**InaCC Number: InaCC **B578**

History: InaCC B578 ← LIPI (Rohmatussolihat, LIPI12-2-LAB067) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 16T06-4

Source of sample: Tempe koro

Locality: Kranggan, Yogyakarta, Yogyakarta

Cultivation: MRS, 30°C

***Leuconostoc* sp.**InaCC Number: InaCC **B687**

History: InaCC B687 ← LIPI (Rohmatussolihat, LIPI13-2-LAB081) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 74M06-1

Source of sample: Terasi

Locality: Solok, West Sumatra

Cultivation: MRS, 30°C

***Leuconostoc* sp.**InaCC Number: InaCC **B703**

History: InaCC B703 ← LIPI (Rohmatussolihat, LIPI13-2-LAB112) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 77T06-3

Source of sample: Yeast

Locality: Bukittinggi, West Sumatra

Cultivation: TSYE, 30°C

***Leuconostoc* sp.**

InaCC Number: InaCC **B677**

History: InaCC B677 ← LIPI (Rohmatussolihat, LIPI13-2-LAB067) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 72M06-1

Source of sample: Tauco

Locality: Solok, West Sumatra

Cultivation: MRS, 30°C

***Leuconostoc* sp.**

InaCC Number: InaCC **B761**

History: InaCC B761 ← LIPI (Rohmatussolihat, LIPI13-2-LAB221) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 96M06-5

Source of sample: Tapai (cassava tapai)

Locality: Padang, West Sumatra

Cultivation: MRS, 30°C

***Leuconostoc* sp.**

InaCC Number: InaCC **B667**

History: InaCC B667 ← LIPI (Rohmatussolihat, LIPI13-2-LAB049) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 70M06-2

Source of sample: Tapai (cassava tapai)

Locality: Solok, West Sumatra

Cultivation: MRS, 30°C

***Leuconostoc* sp.**

InaCC Number: InaCC **B590**

History: InaCC B590 ← LIPI (Rohmatussolihat, LIPI12-2-LAB087) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 25M06-3

Source of sample: Black oncom (= fermented peanut)

Locality: Pasar Anyar, Bogor, West Java

Cultivation: MRS, 30°C

***Leuconostoc* sp.**

InaCC Number: InaCC **B259**

History: InaCC B259 ← LIPI (Y. Widyastuti), 1931

Source of sample: *Cocos nucifera*

Locality: Bogor, Indonesia

Cultivation: MRS, pH 6, 30°C

***Leuconostoc* sp.**

InaCC Number: InaCC **B707**

History: InaCC B707 ← LIPI (Rohmatussolihat, LIPI13-2-LAB121) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 78M06-1

Source of sample: Tapai (cassava tapai)

Locality: Bukittinggi, West Sumatra

Cultivation: MRS, 30°C

***Leuconostoc* sp.**

InaCC Number: InaCC **B729**

History: InaCC B729 ← LIPI (Rohmatussolihat, LIPI13-2-LAB152) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 82/83T06-8

Source of sample: Tapai (cassava tapai) & tapai water

Locality: Bukittinggi, West Sumatra

Cultivation: TSYE, 30°C

***Leuconostoc* sp.**

InaCC Number: InaCC **B728**

History: InaCC B728 ← LIPI (Rohmatussolihat, LIPI13-2-LAB151) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 82/83T06-7

Source of sample: Tapai (cassava tapai) & tapai water

Locality: Bukittinggi, West Sumatra

Cultivation: TSYE, 30°C

***Leuconostoc* sp.**

InaCC Number: InaCC **B557**

History: InaCC B557 ← LIPI (Rohmatussolihat, LIPI12-2-LAB030) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 11M06-3

Source of sample: Cassava tapai

Locality: Sleman, Yogyakarta

Cultivation: MRS, 30°C



***Leuconostoc* sp.**InaCC Number: InaCC **B657**

History: InaCC B657 ← LIPI (Rohmatussolihat, LIPI13-2-LAB036) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 58EM06-3

Source of sample: Terasi

Locality: Blahbatu, Bali

Cultivation: MRS, 30°C

***Leuconostoc* sp.**InaCC Number: InaCC **B556**

History: InaCC B556 ← LIPI (Rohmatussolihat, LIPI12-2-LAB025) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 10M06-1

Source of sample: Gatot cassava

Locality: Sleman, Yogyakarta

Cultivation: MRS, 30°C

***Leuconostoc* sp.**InaCC Number: InaCC **B1375**

History: InaCC B1375 ← LIPI (Puspita Lisdiyanti, LB\_29)

Source of sample: Coffee exocarp + mesocarp

Locality: Wonosobo, Central Java

Cultivation: MRS, 30°C

***Leuconostoc* sp.**InaCC Number: InaCC **B1376**

History: InaCC B1376 ← LIPI (Puspita Lisdiyanti, LB\_31)

Source of sample: Coffee exocarp + mesocarp

Locality: Wonosobo, Central Java

Cultivation: MRS, 30°C

***Leuconostoc* sp.**InaCC Number: InaCC **B1377**

History: InaCC B1377 ← LIPI (Puspita Lisdiyanti, LB\_35)

Source of sample: Coffee exocarp + mesocarp

Locality: Wonosobo, Central Java

Cultivation: MRS, 30°C

***Leuconostoc* sp.**InaCC Number: InaCC **B1378**

History: InaCC B1378 ← LIPI (Puspita Lisdiyanti, LB\_49)

Source of sample: Coffee exocarp + mesocarp

Locality: Wonosobo, Central Java

Cultivation: MRS, 30°C

***Luteibacter anthropi***InaCC Number: InaCC **B1534**

History: InaCC B1534 ← LIPI (Masrukhin &amp; Resa Rahayu, KK01)

Source of sample: *Ipomoea aquatica* plantlet

Locality: Cibinong, Bogor

Cultivation: NA, pH 7, 25-30°C

***Luteibacter anthropi***InaCC Number: InaCC **B1535**

History: InaCC B1535 ← LIPI (Masrukhin &amp; Resa Rahayu, KK02)

Source of sample: *Ipomoea aquatica* plantlet

Locality: Cibinong, Bogor

Cultivation: NA, pH 7, 25-30°C

***Luteibacter anthropi***InaCC Number: InaCC **B1538**

History: InaCC B1538 ← LIPI (Masrukhin &amp; Resa Rahayu, KK06.2)

Source of sample: *Ipomoea aquatica* plantlet

Locality: Cibinong, Bogor

Cultivation: NA, pH 7, 25-30°C

***Lysinibacillus fusiformis***InaCC Number: InaCC **B1104**

History: InaCC B1104 ← LIPI (Arif Nurkanto, LIPI14-2-Ac099) ← NBRC (Moriyuki Hamada), BSe3-3

Source of sample: Sediment, rocky beach

Locality: Tanah Lot, Indonesia

Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Lysinibacillus macroides***InaCC Number: InaCC **B1445**

History: InaCC B1445 ← LIPI (Dian Andriani, DEA 11)

Source of sample: Sediment and polypropylene waste

Locality: Muara Angke, Jakarta

Cultivation: BH, pH 7, 30°C

***Lysinibacillus sphaericus***InaCC Number: InaCC **B509**

History: InaCC B509 ← LIPI (Made, LIPI14-3-B053) ← LIPI (Dwi N. Susilowati), Er II B1.3

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Lysinibacillus sphaericus***InaCC Number: InaCC **B1089**

History: InaCC B1089 ← LIPI (Arif Nurkanto, LIPI14-2-Ac004) ← NBRC (Moriyuki Hamada), BM1-4

Source of sample: Mangrove mud

Locality: Tahura, Denpasar, Indonesia

Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Lysinibacillus sphaericus***InaCC Number: InaCC **B463**

History: InaCC B463 ← LIPI (Made, LIPI14-3-B006) ← LIPI (Dwi N. Susilowati), Er I B1.6

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Lysinibacillus sphaericus***InaCC Number: InaCC **B517**

History: InaCC B517 ← LIPI (Made, LIPI14-3-B061) ← LIPI (Dwi N. Susilowati), Er II B2.9

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Lysinibacillus telephonicus***InaCC Number: InaCC **B1425**

History: InaCC B1425 ← LIPI (R.Setiawan), MSD1.3.13

Source of sample: Sediment

Locality: Mt. Merapi National Park Resort Cangkringan, Sleman

Cultivation: NA, pH 7, 30°C

***Lysinibacillus xylanilyticus***InaCC Number: InaCC **B347**

History: InaCC B347 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), P3B624

Source of sample: Soil

Locality: Papua, Indonesia

Cultivation: NA

***Lysinibacillus xylanilyticus***InaCC Number: InaCC **B344**

History: InaCC B344 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), S322(1)

Source of sample: Sand

Locality: Yogyakarta, Indonesia

Cultivation: NA

***Lysinibacillus xylanilyticus***InaCC Number: InaCC **B882**

History: InaCC B882 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B132b

Source of sample: Plant (cover crop yellow flower, *Crotaria purpurea*) root nodule

Locality: Mt. Pancar, Bogor, Indonesia

Cultivation: NBRC 804, 25°C

***Lysobacter* sp.**InaCC Number: InaCC **B1252**

History: InaCC B1252 ← KRIBB/KCTC (Kim Song-Gun) TY2-98 ← KRIBB/KCTC (Kim Song-Gun) KCTC 32986

Source of sample: Soil of coffe farm

Locality: 126 Eoeun-dong, Yuseong-gu, Daejeon, South Korea

Cultivation: R2A, pH 7, 30°C

***Magnetospirillum* sp.**

InaCC Number: InaCC **B905**

History: InaCC B905 ← K.Mogi & I.M. Sudiana, 3-36y

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Mangrovibacter palntisponsor***

InaCC Number: InaCC **B822**

History: InaCC B822 ← LIPI (I Made Sudiana) & University of Tokyo (Shigeto Otsuka) LIPI14-3-B147 ← University of Tokyo (Ayaka Hosoda and Shigeto Otsuka) I1-50

Source of sample: Paddy field soil

Locality: Indramayu, Indonesia

Cultivation: 1/10 R2A, 25°C

***Mangrovibacter* sp.**

InaCC Number: InaCC **B841**

History: InaCC B841 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B210 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana), 33Na

Source of sample: Soil

Locality: Mahakam River, Balikpapan, Indonesia

Cultivation: NBRC 804, 25°C

***Marinobacter nitrati-reducens***

InaCC Number: InaCC **B1334**

History: InaCC B1334 ← LIPI (Ruby Setiawan), KR27\_3.2

Source of sample: Mangrove sediment

Locality: Ketam Beach, Pongkar Village, Riau Islands

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Masilla* sp.**

InaCC Number: InaCC **B898**

History: InaCC B898 ← K.Mogi & I.M. Sudiana, C-13

Source of sample: Paddy field soil

Locality: Cibinong, Indonesia

Cultivation: 25°C

***Massilia* sp.**

InaCC Number: InaCC **B826**

History: InaCC B826 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B035 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana), 15La

Source of sample: Soil

Locality: Berau, Indonesia

Cultivation: NBRC 804, 25°C

***Melittangium lichenicola***

InaCC Number: InaCC **B1229**

History: InaCC B1229 ← LIPI (Siti Meliah) ← LIPI (Siti Meliah), SMS05.3

Source of sample: Soil

Locality: Wanggameti Regency, Sumba, NTT

Cultivation: VY/2, pH 7, 30°C

***Melittangium lichenicola***

InaCC Number: InaCC **B1227**

History: InaCC B1227 ← LIPI (Siti Meliah) ← LIPI (Siti Meliah), SMS05.1

Source of sample: Soil

Locality: Wanggameti Regency, Sumba, NTT

Cultivation: VY/2, pH 7, 30°C

***Melittangium lichenicola***

InaCC Number: InaCC **B1228**

History: InaCC B1228 ← LIPI (Siti Meliah) ← LIPI (Siti Meliah), SMS05.2

Source of sample: Soil

Locality: Wanggameti Regency, Sumba, NTT

Cultivation: VY/2, pH 7, 30°C

***Methylobacterium populi***

InaCC Number: InaCC **B1341**

History: InaCC B1341 ← LIPI (Puspita Lisdiyanti, C20)

Source of sample: Soil of coffee plantation

Locality: Situbondo

Cultivation: ECM, pH 7-7.2, 30°C

***Methylobacterium populi***

InaCC Number: InaCC **B1342**

History: InaCC B1342 ← LIPI (Puspita Lisdiyanti, C22)

Source of sample: Luwak feces

Locality: Situbondo

Cultivation: ECM, pH 7-7.2, 30°C

***Methylobacterium populi***

InaCC Number: InaCC **B1343**

History: InaCC B1343 ← LIPI (Puspita Lisdiyanti, C25)

Source of sample: Luwak feces

Locality: Situbondo

Cultivation: ECM, pH 7-7.2, 30°C

***Methylobacterium populi***

InaCC Number: InaCC **B1345**

History: InaCC B1345 ← LIPI (Puspita Lisdiyanti, C29)

Source of sample: Luwak feces

Locality: Situbondo

Cultivation: ECM, pH 7-7.2, 30°C

***Methylobacterium populi***

InaCC Number: InaCC **B1347**

History: InaCC B1347 ← LIPI (Puspita Lisdiyanti, C39)

Source of sample: Coffee pulp waste

Locality: Situbondo

Cultivation: ECM, pH 7-7.2, 30°C

***Methylocystis* sp.**

InaCC Number: InaCC **B949**

History: InaCC B949 ← A. Hosoda and S. Otsuka T2-40

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Microbacterium awajiense***

InaCC Number: InaCC **B526**

History: InaCC B526 ← LIPI (Made, LIPI14-3-B070) ← LIPI (Dwi N. Susilowati), Er II B3.10

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Microbacterium fluvii***

InaCC Number: InaCC **B519**

History: InaCC B519 ← LIPI (Made, LIPI14-3-B063) ← LIPI (Dwi N. Susilowati), Er II B3.1

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Microbacterium hydrocarbonoxydans***

InaCC Number: InaCC **B41**

History: InaCC B41 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), PLW1C

Source of sample: Leaf litter

Locality: Protected Forest Papalia, South Konawe

Cultivation: NA/TSA, pH 7, 30°C

***Microbacterium resistens***

InaCC Number: InaCC **B842**

History: InaCC B842 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu), JSAT12-3-B002a

Source of sample: Water

Locality: Kakaban Island, Indonesia

Cultivation: NBRC 804, 25°C

***Microbacterium* sp.**

InaCC Number: InaCC **B26**

History: InaCC B26 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), 080LWA

Source of sample: Leaf

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Microbacterium testaceum***

InaCC Number: InaCC **B1266**

History: InaCC B1266 ← LIPI (Siti Meliah & Tri Ratna Sulistiani), BTIL7

Source of sample: Stem of sorghum plant (*Sorghum bicolor*)

Locality: Ecological Park, CSC Cibinong, West Java

Cultivation: Nutrient broth, pH 7, 25–30°C

***Microbacterium xylanilyticum***

InaCC Number: InaCC **B525**

History: InaCC B525 ← LIPI (Made, LIPI14-3-B069) ← LIPI (Dwi N. Susilowati), Er II B3.9

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8–7.2, 30°C

***Microbacterium arthrosphaerae***

InaCC Number: InaCC **B877**

History: InaCC B877 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B115 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana) 9nn

Source of sample: Soil

Locality: Maratua Island, Indonesia

Cultivation: NBRC 804, 25°C

***Micrococcus yunnanensis***

InaCC Number: InaCC **B1203**

History: InaCC B1203 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), DB.S4

Source of sample: *Curcuma zedoaria* (leaves)

Locality: Bojong Gede, Bogor, West Java

Cultivation: pH 7, 30°C

***Mucilaginibacter kameinonensis***

InaCC Number: InaCC **B1478**

History: InaCC B1478 ← LIPI (Tri Ratna S, DT 14.14)

Source of sample: Soil of Andaliman plant

Locality: Samosir Arboretum & Botanic Garden, Tomok, North Sumatra

Cultivation: NA, pH 7, 28°C

***Myxococcus fulvus***

InaCC Number: InaCC **B1220**

History: InaCC B1220 ← LIPI (Siti Meliah) ← LIPI (Siti Meliah), SMDw06.2

Source of sample: Decay wood

Locality: Wanggameti Regency, Sumba, NTT

Cultivation: VY/2, pH 7, 30°C

***Myxococcus fulvus***

InaCC Number: InaCC **B1221**

History: InaCC B1221 ← LIPI (Siti Meliah) ← LIPI (Siti Meliah), SMCv05.1

Source of sample: Limestone

Locality: Wanggameti Regency, Sumba, NTT

Cultivation: VY/2, pH 7, 30°C

***Myxococcus fulvus***

InaCC Number: InaCC **B1222**

History: InaCC B1222 ← LIPI (Siti Meliah) ← LIPI (Siti Meliah), SMCv05.2

Source of sample: Limestone

Locality: Wanggameti Regency, Sumba, NTT

Cultivation: VY/2, pH 7, 30°C

***Myxococcus fulvus***

InaCC Number: InaCC **B1223**

History: InaCC B1223 ← LIPI (Siti Meliah) ← LIPI (Siti Meliah), SMCv05.3

Source of sample: Limestone

Locality: Wanggameti Regency, Sumba, NTT

Cultivation: VY/2, pH 7, 30°C

***Myxococcus fulvus***

InaCC Number: InaCC **B1487**

History: InaCC B1487 ← LIPI (Siti Meliah, DT16-KS1)

Source of sample: Decaying wood

Locality: Arboretum Samosir, North Sumatra

Cultivation: VY/2, pH 7, 30°C

***Myxococcus fulvus***

InaCC Number: InaCC **B1488**

History: InaCC B1488 ← LIPI (Siti Meliah, DT16-TS2)

Source of sample: Soil  
 Locality: Arboretum Samosir, North Sumatra  
 Cultivation: VY/2, pH 7, 30°C

***Myxococcus stipitatus***

InaCC Number: InaCC **B1224**  
 History: InaCC B1224 ← LIPI (Siti Meliah) ←  
 LIPI (Siti Meliah), PS3.1  
 Source of sample: Soil  
 Locality: Miyah District, Tambraw, Papua  
 Cultivation: VY/2, pH 7, 30°C

***Myxococcus stipitatus***

InaCC Number: InaCC **B1225**  
 History: InaCC B1225 ← LIPI (Siti Meliah) ←  
 LIPI (Siti Meliah), PS3.2  
 Source of sample: Soil  
 Locality: Miyah District, Tambraw, Papua  
 Cultivation: VY/2, pH 7, 30°C

***Myxococcus stipitatus***

InaCC Number: InaCC **B1226**  
 History: InaCC B1226 ← LIPI (Siti Meliah) ←  
 LIPI (Siti Meliah), PS3.3  
 Source of sample: Soil  
 Locality: Miyah District, Tambraw, Papua  
 Cultivation: VY/2, pH 7, 30°C

***Myxococcus stipitatus***

InaCC Number: InaCC **B1481**  
 History: InaCC B1481 ← LIPI (Siti Meliah,  
 DT06-TB4)  
 Source of sample: Soil  
 Locality: Arboretum Samosir, North Sumatra  
 Cultivation: VY/2, pH 7, 30°C

***Myxococcus stipitatus***

InaCC Number: InaCC **B1482**  
 History: InaCC B1482 ← LIPI (Siti Meliah,  
 DT06-TB5)  
 Source of sample: Soil  
 Locality: Arboretum Samosir, North Sumatra  
 Cultivation: VY/2, pH 7, 30°C

***Myxococcus stipitatus***

InaCC Number: InaCC **B1483**  
 History: InaCC B1483 ← LIPI (Siti Meliah,  
 DT06-TB7)  
 Source of sample: Soil  
 Locality: Arboretum Samosir, North Sumatra  
 Cultivation: VY/2, pH 7, 30°C

***Myxococcus stipitatus***

InaCC Number: InaCC **B1484**  
 History: InaCC B1484 ← LIPI (Siti Meliah,  
 DT06-TB8)  
 Source of sample: Soil  
 Locality: Arboretum Samosir, North Sumatra  
 Cultivation: VY/2, pH 7, 30°C

***Myxococcus stipitatus***

InaCC Number: InaCC **B1485**  
 History: InaCC B1485 ← LIPI (Siti Meliah,  
 DT06-TB10)  
 Source of sample: Soil  
 Locality: Arboretum Samosir, North Sumatra  
 Cultivation: VY/2, pH 7, 30°C

***Myxococcus stipitatus***

InaCC Number: InaCC **B1486**  
 History: InaCC B1486 ← LIPI (Siti Meliah,  
 DT06-TB11)  
 Source of sample: Soil  
 Locality: Arboretum Samosir, North Sumatra  
 Cultivation: VY/2, pH 7, 30°C

***Myxococcus stipitatus***

InaCC Number: InaCC **B1497**  
 History: InaCC B1497 ← LIPI (Siti Meliah,  
 DT06-TB2)  
 Source of sample: Soil  
 Locality: Arboretum Samosir, North Sumatra  
 Cultivation: VY/2, pH 7, 30°C

***Myxococcus stipitatus***

InaCC Number: InaCC **B1498**  
 History: InaCC B1498 ← LIPI (Siti Meliah,  
 DT06-TB6)

Source of sample: Soil

Locality: Arboretum Samosir, North Sumatra

Cultivation: VY/2, pH 7, 30°C

***Myxococcus stipitatus***

InaCC Number: InaCC **B1501**

History: InaCC B1498 ← LIPI (Siti Meliah, SLU2.8)

Source of sample: Soil

Locality: Clove field, Alafan, Simeuleu, Aceh

Cultivation: VY/2, pH 7, 30°C

***Nitratireductor aquimarinus***

InaCC Number: InaCC **B1066**

History: InaCC B1066 ← LIPI (Arif Nurkanto, LIPI13-2-Ac019) ← NBRC (Moriyuki Hamada), PS-4-2

Source of sample: Sediment

Locality: Pari Island, Seribu Islands, Indonesia

Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Nitratireductor basaltis***

InaCC Number: InaCC **B1106**

History: InaCC B1106 ← LIPI (Arif Nurkanto, LIPI14-2-Ac107) ← NBRC (Moriyuki Hamada), BSe6-6

Source of sample: Sea sand, sandy beach

Locality: Kuta, Indonesia

Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Nitratireductor basaltis***

InaCC Number: InaCC **B1105**

History: InaCC B1105 ← LIPI (Arif Nurkanto, LIPI14-2-Ac103) ← NBRC (Moriyuki Hamada), BSe6-2

Source of sample: Sea sand, sandy beach

Locality: Kuta, Indonesia

Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Novosphingobium barchaimii***

InaCC Number: InaCC **B1175**

History: InaCC B1175 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari & Siti Meliah), GTS07-13

Source of sample: Soil

Locality: Mt. Tambora, Kawinda Toi Regency, NTB

Cultivation: pH 7, 25-30°C

***Novosphingobium capsulatum***

InaCC Number: InaCC **B1191**

History: InaCC B1191 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), BK11

Source of sample: *Curcuma heyneana* (stem)

Locality: Bogor Botanical Garden, Bogor, West Java

Cultivation: pH 7, 30°C

***Novosphingobium subterraneum***

InaCC Number: InaCC **B1245**

History: InaCC B1245 ← LIPI (Ruby Setiawan) SB010 ← LIPI (Ruby Setiawan) HS2YWS10

Source of sample: Hot spring water

Locality: Mamasa, West Sulawesi

Cultivation: RZA, pH 7, 30°C

***Novosphingobium subterraneum***

InaCC Number: InaCC **B1218**

History: InaCC B1218 ← LIPI (Ruby Setiawan) ← LIPI (Ruby Setiawan), SB010

Source of sample: Hot springs water

Locality: Kole, Rambusaratu Village, Mamasa, West Sulawesi

Cultivation: pH 7, 30°C

***Oceanicola nanhaiensis***

InaCC Number: InaCC **B1080**

History: InaCC B1080 ← LIPI (Arif Nurkanto, LIPI13-2-Ac105) ← NBRC (Moriyuki Hamada), RS-2-7

Source of sample: Rhizosphere soil (mud)

Locality: Pramuka Island, Seribu Islands, Indonesia

Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Oceanisphaera marina***

InaCC Number: InaCC **B1328**  
 History: InaCC B1328 ← LIPI (Ruby Setiawan), KRSd3\_4.4  
 Source of sample: Marine sediment  
 Locality: Karimun Anak Island, Riau Islands  
 Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Oceanobacillus polygoni***

InaCC Number: InaCC **B445**  
 History: InaCC B445 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), P029  
 Source of sample: Soil  
 Locality: Satonda Island  
 Cultivation: NA/B4, pH 7, 30°C

***Oceanobacillus profundus***

InaCC Number: InaCC **B1090**  
 History: InaCC B1090 ← LIPI (Arif Nurkanto, LIPI14-2-Ac009) ← NBRC (Moriyuki Hamada), BM2-2  
 Source of sample: Mangrove mud  
 Locality: Tahura, Denpasar, Indonesia  
 Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Oceanobacillus sp.***

InaCC Number: InaCC **B443**  
 History: InaCC B443 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), BT033  
 Source of sample: Soil  
 Locality: Mimpi Cave, Batimurung, Sulawesi  
 Cultivation: NA/B4, pH 7, 30°C

***Ochrobactrum pseudogrignonense***

InaCC Number: InaCC **B346**  
 History: InaCC B346 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), S234  
 Source of sample: Stone  
 Locality: Parang Endog, Yogyakarta  
 Cultivation: NA

***Ochrobactrum pseudogrignonense***

InaCC Number: InaCC **B836**  
 History: InaCC B836 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B146 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana), 4c  
 Source of sample: Root nodule of putri malu (*Mimosa pudica* Linn.)  
 Locality: Mt. Pancar, Bogor, Indonesia  
 Cultivation: NBRC 804, 25°C

***Paenibacillus glycanilyticus***

InaCC Number: InaCC **B859**  
 History: InaCC B859 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B038 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana) 16La  
 Source of sample: Soil  
 Locality: Berau, Indonesia  
 Cultivation: NBRC 804, 25°C

***Paenibacillus sp.***

InaCC Number: InaCC **B63**  
 History: InaCC B63 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), MKS7C  
 Source of sample: Soil  
 Locality: Protected Forest Mekongga, Tinukari, North Kolaka  
 Cultivation: NA/TSA, pH 7, 30°C

***Paenibacillus sp.***

InaCC Number: InaCC **B815**  
 History: InaCC B815 ← LIPI (I Made Sudiana) & University of Tokyo (Shigeto Otsuka) LIPI14-3-B140 ← University of Tokyo (Ayaka Hosoda and Shigeto Otsuka) I2-1  
 Source of sample: Paddy field soil  
 Locality: Indramayu, Indonesia  
 Cultivation: 1/10 R2A, 25°C

***Paludibacterium sp.***

InaCC Number: InaCC **B829**  
 History: InaCC B829 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B081 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana), 27Nb  
 Source of sample: Soil



Locality: Bangkirai Hill (rain forest), Balikpapan, Indonesia

Cultivation: NBRC 804, 25°C

***Pantia dispersa***

InaCC Number: InaCC **B844**

History: InaCC B844 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B005 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana) 3La

Source of sample: Soil

Locality: Kakaban Island, Indonesia

Cultivation: NBRC 804, 25°C

***Pantoea agglomerans***

InaCC Number: InaCC **B513**

History: InaCC B513 ← LIPI (Made, LIPI14-3-B057) ← LIPI (Dwi N. Susilowati), Er II B1.7

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Pantoea agglomerans***

InaCC Number: InaCC **B501**

History: InaCC B501 ← LIPI (Made, LIPI14-3-B045) ← LIPI (Dwi N. Susilowati), Ptb I B3.5

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Pantoea dispersa***

InaCC Number: InaCC **B544**

History: InaCC B544 ← LIPI (Made, LIPI14-3-B088) ← LIPI (Dwi N. Susilowati), Ptb II B3.11

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Pantoea dispersa***

InaCC Number: InaCC **B1196**

History: InaCC B1196 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), R.I.P.A4

Source of sample: *Curcuma zedoaria* (rhizome)

Locality: Garden of medicinal collections of Biopharmaca research center, IPB, Dramaga, Bogor, West Java

Cultivation: pH 7, 30°C

***Pantoea dispersa***

InaCC Number: InaCC **B1280**

History: InaCC B1280 ← LIPI (Tri Ratna S, Strain No.KR25.1)

Source of sample: *Schyphyphora* sp. (root)

Locality: Ketam Beach, Pongkar Village, Tebing District, Karimun Regency, Riau Islands

Cultivation: NA, 30°C

***Pantoea eucalyptii***

InaCC Number: InaCC **B1448**

History: InaCC B1448 ← LIPI (Masrukhin, TO2.1)

Source of sample: Diseased tomato fruit

Locality: Cibinong, Bogor

Cultivation: NA, pH 7, 30°C

***Pantoea rodasii***

InaCC Number: InaCC **B847**

History: InaCC B847 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B011 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana) 6Na

Source of sample: Soil

Locality: Maratua Island, Indonesia

Cultivation: NBRC 804, 25°C

***Pantoea* sp.**

InaCC Number: InaCC **B828**

History: InaCC B828 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B054 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana), 20La

Source of sample: Soil

Locality: Wain River, Balikpapan, Indonesia

Cultivation: NBRC 804, 25°C

***Pantoea* sp.**

InaCC Number: InaCC **B14**

History: InaCC B14 ← LIPI (Agustinus Joko N) ← ICBG (Kyria et al.), 019A

Source of sample: Larva gut  
 Locality: Protected Forest Mekongga, Tinukari,  
 North Kolaka  
 Cultivation: NA/TSA, pH 7, 30°C

***Pantoea walisii***

InaCC Number: InaCC **B879**  
 History: InaCC B879 ← LIPI (I.M. Sudiana) &  
 NBRC (Y. Muramatsu). JSAT12-3-B112 ← NBRC  
 (Y. Muramatsu) & LIPI (I.M. Sudiana) 11-1-1N  
 Source of sample: Soil  
 Locality: Berau, Indonesia  
 Cultivation: NBRC 804, 25°C

***Paracoccus chinensis***

InaCC Number: InaCC **B1274**  
 History: InaCC B1274 ← LIPI (Siti Meliah & Tri  
 Ratna Sulistiani), BTIH1  
 Source of sample: Stem of sorghum plant (*Sor-  
 ghum bicolor*)  
 Locality: Ecological Park, CSC Cibinong, West  
 Java  
 Cultivation: Nutrient broth, pH 7, 25-30°C

***Paralactobacillus sp.***

InaCC Number: InaCC **B612**  
 History: InaCC B612 ← LIPI (Rohmatussolihat,  
 LIPI12-2-LAB120) ← LIPI (Rohmatussolihat) &  
 NBRC (M. Miyashita), 30M06-3  
 Source of sample: Pickles  
 Locality: Pajajaran Street, Bogor, West Java  
 Cultivation: MRS, 30°C

***Pediococcus acidilactici***

InaCC Number: InaCC **B360**  
 History: InaCC ← LIPI (P. Lisdiyanti) ← LIPI  
 (Fahrurrozi), IDE-L019  
 Source of sample: Cacao fermentation  
 Locality: Mocache  
 Cultivation: MRS, pH 6, 30°C

***Pediococcus acidilactici***

InaCC Number: InaCC **B370**  
 History: InaCC B370 ← LIPI (P. Lisdiyanti) ←  
 LIPI (Fahrurrozi), IDT-L040

Source of sample: Cacao fermentation  
 Locality: Santo Domingo  
 Cultivation: MRS, pH 6, 30°C

***Pediococcus acidilactici***

InaCC Number: InaCC **B358**  
 History: InaCC B358 ← LIPI (P. Lisdiyanti) ←  
 LIPI (Fahrurrozi), IDE-L013  
 Source of sample: Cacao fermentation  
 Locality: Mocache  
 Cultivation: MRS, pH 6, 30°C

***Pediococcus acidilactici***

InaCC Number: InaCC **B293**  
 History: InaCC B293 ← LIPI (Y. Widyastuti),  
 DSS22  
 Source of sample: Danke susu (Fermented  
 cow-milk)  
 Locality: Indonesia  
 Cultivation: MRS

***Pediococcus acidilactici***

InaCC Number: InaCC **B310**  
 History: InaCC B310 ← LIPI (Y. Widyastuti),  
 DR41  
 Source of sample: Dadih (fermented milk)  
 Locality: Pekanbaru, Indonesia  
 Cultivation: MRS

***Pediococcus acidilactici***

InaCC Number: InaCC **B357**  
 History: InaCC B357 ← LIPI (P. Lisdiyanti) ←  
 LIPI (Fahrurrozi), IDE-L009  
 Source of sample: Cacao fermentation  
 Locality: Mocache  
 Cultivation: MRS, pH 6, 30°C

***Pediococcus pentosaceus***

InaCC Number: InaCC **B166**  
 History: InaCC B166 ← LIPI (Y. Widyastuti), 173  
 Source of sample: Pickle (mustard)  
 Locality: Bogor, Indonesia  
 Cultivation: MRS, pH 6, 30°C

***Pediococcus pentosaceus***

InaCC Number: InaCC **B159**  
 History: InaCC B159 ← LIPI (Y. Widyastuti), NUT  
 Source of sample: Commercial probiotic  
 Locality: Cibinong, Indonesia  
 Cultivation: MRS

***Pediococcus pentosaceus***

InaCC Number: InaCC **B127**  
 History: InaCC B127 ← LIPI (Y. Widyastuti), DSB65  
 Source of sample: Dadih (fermented milk)  
 Locality: Baringin, Indonesia  
 Cultivation: MRS

***Pediococcus pentosaceus***

InaCC Number: InaCC **B359**  
 History: InaCC B359 ← LIPI (P. Lisdiyanti) ← LIPI (Fahrurrozi), IDE-L015  
 Source of sample: Cacao fermentation  
 Locality: Mocache  
 Cultivation: MRS, pH 6, 30°C

***Pediococcus pentosaceus***

InaCC Number: InaCC **B309**  
 History: InaCC B309 ← LIPI (Y. Widyastuti), DSS21  
 Source of sample: Danke susu (Fermented cow-milk)  
 Locality: Indonesia  
 Cultivation: MRS

***Pediococcus pentosaceus***

InaCC Number: InaCC **B340**  
 History: InaCC B340 ← LIPI (Y. Widyastuti), DSB42  
 Source of sample: Dadih (fermented milk)  
 Locality: Pincuran, Agam, Indonesia  
 Cultivation: MRS

***Pediococcus pentosaceus***

InaCC Number: InaCC **B131**  
 History: InaCC B131 ← LIPI (Y. Widyastuti), 11C1  
 Source of sample: Sirsak (*Annona muricata*)  
 Locality: Bogor, Indonesia  
 Cultivation: MRS

***Pediococcus pentosaceus***

InaCC Number: InaCC **B1041**  
 History: InaCC B1041 ← LIPI (Yulansih Dwi Astuti) & RIKEN (Mitsuo Sakamoto) SPCE - 383  
 Source of sample: Corn (*Zea mays*) silage without inoculum  
 Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia  
 Cultivation: MRS, 30°C

***Pediococcus pentosaceus***

InaCC Number: InaCC **B1029**  
 History: InaCC B1029 ← LIPI (Yulansih Dwi Astuti) & RIKEN (Mitsuo Sakamoto) SHC - 333  
 Source of sample: Corn (*Zea mays*) silage without inoculum  
 Locality: Field Laboratory, RC Biotechnology LIPI Cibinong, West Java, Indonesia  
 Cultivation: MRS, 30°C

***Pediococcus pentosaceus***

InaCC Number: InaCC **B1294**  
 History: InaCC B1294 ← Faculty of Agriculture, Universitas Riau (U. Pato, R-56) ← Faculty of Agriculture, Shinshu University (A. Hosono, R-56)  
 Source of sample: Dadih  
 Locality: Bukittinggi, West Sumatera, Indonesia  
 Cultivation: MRS Broth, 30–37°C

***Pediococcus pentosaceus***

InaCC Number: InaCC **B1379**  
 History: InaCC B1379 ← LIPI (Puspita Lisdiyanti, LB\_48)  
 Source of sample: Coffee exocarp + mesocarp  
 Locality: Wonosobo, Central Java, Indonesia  
 Cultivation: MRS, 30°C

***Pediococcus pentosaceus***InaCC Number: InaCC **B1380**

History: InaCC B1380 ← LIPI (Puspita Lisdiyanti, LB\_44)

Source of sample: Coffee exocarp + mesocarp

Locality: Wonosobo, Central Java, Indonesia

Cultivation: MRS, 30°C

***Pediococcus pentosaceus***InaCC Number: InaCC **B1381**

History: InaCC B1381 ← LIPI (Puspita Lisdiyanti, LB\_32)

Source of sample: Coffee exocarp + mesocarp

Locality: Wonosobo, Central Java, Indonesia

Cultivation: MRS, 30°C

***Pediococcus pentosaceus***InaCC Number: InaCC **B1382**

History: InaCC B1382 ← LIPI (Puspita Lisdiyanti, LB\_40)

Source of sample: Coffee exocarp + mesocarp

Locality: Wonosobo, Central Java, Indonesia

***Pediococcus pentosaceus***InaCC Number: InaCC **B1383**

History: InaCC B1383 ← LIPI (Puspita Lisdiyanti, LB\_47)

Source of sample: Coffee exocarp + mesocarp

Locality: Wonosobo, Central Java, Indonesia

Cultivation: MRS, 30°C

***Pediococcus pentosaceus***InaCC Number: InaCC **B1384**

History: InaCC B1384 ← LIPI (Puspita Lisdiyanti, LB\_28)

Source of sample: Coffee exocarp + mesocarp

Locality: Dampit, Malang, Indonesia

Cultivation: MRS, 30°C

***Pediococcus pentosaceus***InaCC Number: InaCC **B1385**

History: InaCC B1385 ← LIPI (Puspita Lisdiyanti, LB\_25)

Source of sample: Coffee exocarp + mesocarp

Locality: Dampit, Malang, Indonesia

Cultivation: MRS, 30°C

***Pediococcus pentosaceus***InaCC Number: InaCC **B1386**

History: InaCC B1386 ← LIPI (Puspita Lisdiyanti, LB\_24)

Source of sample: Coffee exocarp + mesocarp

Locality: Dampit, Malang, Indonesia

Cultivation: MRS, 30°C

***Pediococcus pentosaceus***InaCC Number: InaCC **B1387**

History: InaCC B1387 ← LIPI (Puspita Lisdiyanti, LB\_42)

Source of sample: Coffee exocarp + mesocarp

Locality: Wonosobo, Central Java, Indonesia

Cultivation: MRS, 30°C

***Pediococcus pentosaceus***InaCC Number: InaCC **B1388**

History: InaCC B1388 ← LIPI (Puspita Lisdiyanti, LB\_34)

Source of sample: Coffee exocarp + mesocarp

Locality: Wonosobo, Central Java, Indonesia

Cultivation: MRS, 30°C

***Pediococcus pentosaceus***InaCC Number: InaCC **B1389**

History: InaCC B1389 ← LIPI (Puspita Lisdiyanti, LB\_27)

Source of sample: Coffee exocarp + mesocarp

Locality: Dampit, Malang, Indonesia

Cultivation: MRS, 30°C

***Pediococcus pentosaceus***InaCC Number: InaCC **B1390**

History: InaCC B1390 ← LIPI (Puspita Lisdiyanti, LB\_38)

Source of sample: Coffee exocarp + mesocarp

Locality: Wonosobo, Central Java, Indonesia

Cultivation: MRS, 30°C

***Pediococcus pentosaceus***InaCC Number: InaCC **B1391**

History: InaCC B1391 ← LIPI (Puspita Lisdiyanti, LB\_39)

Source of sample: Coffee exocarp + mesocarp

Locality: Wonosobo, Central Java, Indonesia

Cultivation: MRS, 30°C

***Pediococcus pentosaceus***InaCC Number: InaCC **B1392**

History: InaCC B1392 ← LIPI (Puspita Lisdiyanti, LB\_22)

Source of sample: Coffee exocarp + mesocarp

Locality: Dampit, Malang, Indonesia

Cultivation: MRS, 30°C

***Pediococcus pentosaceus***InaCC Number: InaCC **B1393**

History: InaCC B1393 ← LIPI (Puspita Lisdiyanti, LB\_46)

Source of sample: Coffee exocarp + mesocarp

Locality: Wonosobo, Central Java, Indonesia

Cultivation: MRS, 30°C

***Pediococcus* sp.**InaCC Number: InaCC **B154**

History: InaCC B154 ← LIPI (Y. Widyastuti), 2532

Source of sample: Tauco

Locality: Bogor, Indonesia

Cultivation: MRS, pH 6, 30°C

***Pediococcus* sp.**InaCC Number: InaCC **B760**

History: InaCC B760 ← LIPI (Rohmatussolihat, LIPI13-2-LAB220) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 96M06-4

Source of sample: Tapai (cassava tapai)

Locality: Padang, West Sumatra

Cultivation: MRS, 30°C

***Pediococcus* sp.**InaCC Number: InaCC **B696**

History: InaCC B696 ← LIPI (Rohmatussolihat, LIPI13-2-LAB098) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 75ET06-1

Source of sample: Tauco

Locality: Solok, West Sumatra

Cultivation: TSYE, 30°C

***Pediococcus* sp.**InaCC Number: InaCC **B702**

History: InaCC B702 ← LIPI (Rohmatussolihat, LIPI13-2-LAB105) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 76ET06-1

Source of sample: Yeast bauwah

Locality: Bukittinggi, West Sumatra

Cultivation: TSYE, 30°C

***Pediococcus* sp.**InaCC Number: InaCC **B603**

History: InaCC B603 ← LIPI (Rohmatussolihat, LIPI12-2-LAB106) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 28T06-3

Source of sample: Salty mustard

Locality: Pasar Anyar, Bogor, West Java

Cultivation: MRS, 30°C

***Pediococcus* sp.**InaCC Number: InaCC **B629**

History: InaCC B629 ← LIPI (Rohmatussolihat, LIPI12-2-LAB148) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 8bM06-1

Source of sample: Usar

Locality: Sleman, Yogyakarta

Cultivation: MRS, 30°C

***Pediococcus* sp.**InaCC Number: InaCC **B679**

History: InaCC B679 ← LIPI (Rohmatussolihat, LIPI13-2-LAB070) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 72ET06-1

Source of sample: Tauco

Locality: Solok, West Sumatra

Cultivation: TSYE, 30°C

***Pediococcus* sp.**InaCC Number: InaCC **B708**

History: InaCC B708 ← LIPI (Rohmatussolihat, LIPI13-2-LAB122) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 78M06-2

Source of sample: Tapai (cassava tapai)

Locality: Bukittinggi, West Sumatra

Cultivation: MRS, 30°C

***Pediococcus* sp.**InaCC Number: InaCC **B592**

History: InaCC B592 ← LIPI (Rohmatussolihat, LIPI12-2-LAB089) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 25M06-5

Source of sample: Black oncom (fermented peanut)

Locality: Pasar Anyar, Bogor, West Java

Cultivation: MRS, 30°C

***Pediococcus* sp.**InaCC Number: InaCC **B635**

History: InaCC B635 ← LIPI (Rohmatussolihat, LIPI12-2-LAB156) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 14aT06-4

Source of sample: Waru leaves

Locality: Muntilan, Magelang, Central Java

Cultivation: MRS, 30°C

***Pediococcus* sp.**InaCC Number: InaCC **B627**

History: InaCC B627 ← LIPI (Rohmatussolihat, LIPI12-2-LAB142) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 8aT06-1

Source of sample: Usar

Locality: Sleman, Yogyakarta

Cultivation: MRS, 30°C

***Pediococcus* sp.**InaCC Number: InaCC **B633**

History: InaCC B633 ← LIPI (Rohmatussolihat, LIPI12-2-LAB154) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 14aT06-2

Source of sample: Waru leaves

Locality: Muntilan, Magelang, Central Java

Cultivation: MRS, 30°C

***Piscinibacter* sp.**InaCC Number: InaCC **B912**

History: InaCC B912 ← K.Mogi &amp; I.M. Sudiana, 1-13

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Pleomorphomonas oryzae***InaCC Number: InaCC **B950**

History: InaCC B950 ← A. Hosoda and S. Otsuka RB-18

Source of sample: Paddy field soil

Locality: Rambut Siwi, Indonesia

Cultivation: 25°C

***Pleomorphomonas* sp.**InaCC Number: InaCC **B818**

History: InaCC B818 ← LIPI (I Made Sudiana) &amp; University of Tokyo (Shigeto Otsuka) LIPI14-3-B143 ← University of Tokyo (Ayaka Hosoda and Shigeto Otsuka) RB-39

Source of sample: Paddy field soil

Locality: Rambut Siwi, Indonesia

Cultivation: 1/10 R2A, 25°C

***Pleomorphomonas* sp.**InaCC Number: InaCC **B817**

History: InaCC B817 ← LIPI (I Made Sudiana) &amp; University of Tokyo (Shigeto Otsuka) LIPI14-3-B142 ← University of Tokyo (Ayaka Hosoda and Shigeto Otsuka) RB-38

Source of sample: Paddy field soil

Locality: Rambut Siwi, Indonesia

Cultivation: 1/10 R2A, 25°C

***Pleomorphomonas* sp.**InaCC Number: InaCC **B816**

History: InaCC B816 ← LIPI (I Made Sudiana) &amp; University of Tokyo (Shigeto Otsuka) LIPI14-3-B141 ← University of Tokyo (Ayaka Hosoda and Shigeto Otsuka) RB-5

Source of sample: Paddy field soil

Locality: Rambut Siwi, Indonesia

Cultivation: 1/10 R2A, 25°C

***Proteus mirabilis***

InaCC Number: InaCC **B61**  
 History: InaCC B61 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), MKS6D  
 Source of sample: Soil  
 Locality: Protected Forest Mekongga, Tinukari, North Kolaka  
 Cultivation: NA/TSA, pH 7, 30°C

***Providencia rettgeri***

InaCC Number: InaCC **B25**  
 History: InaCC B25 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), 079LWB  
 Source of sample: Leaf  
 Locality: Protected Forest Mekongga, Tinukari, North Kolaka  
 Cultivation: NA/TSA, pH 7, 30°C

***Providencia rettgeri***

InaCC Number: InaCC **B466**  
 History: InaCC B466 ← LIPI (Made, LIPI14-3-B009) ← LIPI (Dwi N. Susilowati), Er I B1.9  
 Source of sample: Rice rhizosphere soil (pot experiment)  
 Locality: Eretan Kulon, Kandang-Haur, Indramayu  
 Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Providencia rettgeri***

InaCC Number: InaCC **B474**  
 History: InaCC B474 ← LIPI (Made, LIPI14-3-B018) ← LIPI (Dwi N. Susilowati), Er I B2.10  
 Source of sample: Rice rhizosphere soil (pot experiment)  
 Locality: Eretan Kulon, Kandang-Haur, Indramayu  
 Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Providencia vermicola***

InaCC Number: InaCC **B1200**  
 History: InaCC B1200 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), RL.P1  
 Source of sample: Curcuma zedoaria (rhizome)  
 Locality: Experiment garden of Research Center for Biology, LIPI, Cibinong, West Java  
 Cultivation: pH 7, 30°C

***Pseudomonas otitidis***

InaCC Number: InaCC **B851**  
 History: InaCC B851 ← LIPI (I.M. Sudiana) & NBRc (Y. Muramatsu). JSAT12-3-B020 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana) 11Lb  
 Source of sample: Soil  
 Locality: Berau, Indonesia  
 Cultivation: NBRC 804, 25°C

***Pseudomonas resinovarans***

InaCC Number: InaCC **B848**  
 History: InaCC B848 ← LIPI (I.M. Sudiana) & NBRc (Y. Muramatsu). JSAT12-3-B012 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana) 6Nb  
 Source of sample: Soil  
 Locality: Maratua Island, Indonesia  
 Cultivation: NBRC 804, 25°C

***Pseudacidovorax sp.***

InaCC Number: InaCC **B951**  
 History: InaCC B951 ← A. Hosoda and S. Otsuka SB-2  
 Source of sample: Paddy field soil  
 Locality: Surabaya, Indonesia  
 Cultivation: 25°C

***Pseudacidovorax sp.***

InaCC Number: InaCC **B952**  
 History: InaCC B952 ← A. Hosoda and S. Otsuka SB-19  
 Source of sample: Paddy field soil  
 Locality: Surabaya, Indonesia  
 Cultivation: 25°C

***Pseudoalteromonas shioyasakiensis***

InaCC Number: InaCC **B1329**  
 History: InaCC B1329 ← LIPI (Ruby Setiawan), KR27\_4.3  
 Source of sample: Mangrove sediment  
 Locality: Ketam Beach, Pongkar Village, Riau Islands  
 Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Pseudoalteromonas shioyasakiensis***

InaCC Number: InaCC **B1332**  
 History: InaCC B1332 ← LIPI (Ruby Setiawan), KR27\_3.1  
 Source of sample: Mangrove sediment  
 Locality: Ketam Beach, Pongkar Village, Riau Islands  
 Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Pseudoalteromonas shioyasakiensis***

InaCC Number: InaCC **B1333**  
 History: InaCC B1333 ← LIPI (Ruby Setiawan), KR27\_3.7  
 Source of sample: Mangrove sediment  
 Locality: Ketam Beach, Pongkar Village, Riau Islands  
 Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Pseudoalteromonas shioyasakiensis***

InaCC Number: InaCC **B1509**  
 History: InaCC B1509 ← LIPI (R.Setiawan), KR27\_4.1  
 Source of sample: Marine sediment  
 Locality: Karimun Anak Island, Riau Islands  
 Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Pseudogulbenkiania subflava***

InaCC Number: InaCC **B956**  
 History: InaCC B956 ← A. Hosoda and S. Otsuka T1-50  
 Source of sample: Paddy field soil  
 Locality: Tangerang, Indonesia  
 Cultivation: 25°C

***Pseudogulbenkiania subflava***

InaCC Number: InaCC **B955**  
 History: InaCC B995 ← A. Hosoda and S. Otsuka T2-44  
 Source of sample: Paddy field soil  
 Locality: Tangerang, Indonesia  
 Cultivation: 25°C

***Pseudogulbenkiania subflava***

InaCC Number: InaCC **B953**  
 History: InaCC B953 ← A. Hosoda and S. Otsuka RB-35  
 Source of sample: Paddy field soil  
 Locality: Rambut Siwi, Indonesia  
 Cultivation: 25°C

***Pseudogulbenkiania subflava***

InaCC Number: InaCC **B954**  
 History: InaCC B954 ← A. Hosoda and S. Otsuka I1-40  
 Source of sample: Paddy field soil  
 Locality: Indramayu, Indonesia  
 Cultivation: 25°C

***Pseudogulbenkinia sp.***

InaCC Number: InaCC **B913**  
 History: InaCC B913 ← K.Mogi & I.M. Sudiana, 3-10y  
 Source of sample: Paddy field soil  
 Locality: Tangerang, Indonesia  
 Cultivation: 25°C

***Pseudomonas aeruginosa***

InaCC Number: InaCC **B52**  
 History: InaCC B52 ← LIPI (Agustinus Joko N), MKS2C  
 Source of sample: Soil  
 Locality: Protected Forest Mekongga, Tinukari, North Kolaka  
 Cultivation: NA/TSA, pH 7, 30°C

***Pseudomonas aeruginosa***

InaCC Number: InaCC **B1439**  
 History: InaCC B1439 ← LIPI (Dian Andriani, DEA 2)  
 Source of sample: Sediment  
 Locality: Mangrove forest, Pantai Indah Kapuk, Jakarta  
 Cultivation: BH, pH 7, 30°C



***Pseudomonas avellanae***

InaCC Number: InaCC **B1450**  
 History: InaCC B1450 ← LIPI (Masrukhin, TO 5.1)  
 Source of sample: Diseased tomato fruit  
 Locality: Cibinong, Bogor  
 Cultivation: NA, pH 7, 30°C

***Pseudomonas balearica***

InaCC Number: InaCC **B957**  
 History: InaCC B957 ← A. Hosoda and S. Otsuka T1-36  
 Source of sample: Paddy field soil  
 Locality: Tangerang, Indonesia  
 Cultivation: 25°C

***Pseudomonas denitrificans***

InaCC Number: InaCC **B1198**  
 History: InaCC B1198 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), DL.P3  
 Source of sample: *Curcuma zedoaria* (leaves)  
 Locality: Experiment garden of Research Center for Biology, LIPI, Cibinong, West Java  
 Cultivation: pH 7, 30°C

***Pseudomonas entomophila***

InaCC Number: InaCC **B872**  
 History: InaCC B872 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B097 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana) 31La  
 Source of sample: Soil  
 Locality: Bangkirai Hill (rain forest), Balikpapan, Indonesia  
 Cultivation: NBRC 804, 25°C

***Pseudomonas entomophila***

InaCC Number: InaCC **B1286**  
 History: InaCC B1286 ← LIPI (ITri Ratna S, SMZgF12)  
 Source of sample: Zingiberaceae (flower)  
 Locality: Wanggameti, NTT, Indonesia  
 Cultivation: NA, 30°C

***Pseudomonas flavescens***

InaCC Number: InaCC **B1539**  
 History: InaCC B1539 ← LIPI (Masrukhin, BY 01)  
 Source of sample: Diseased spinach phyllosphere  
 Locality: Cibinong, Bogor  
 Cultivation: NA, pH 7, 25-30°C

***Pseudomonas geniculata***

InaCC Number: InaCC **B1197**  
 History: InaCC B1197 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), RI.P.B5  
 Source of sample: *Curcuma zedoaria* (rhizome)  
 Locality: Garden of medicinal collections of Biopharmaca research center, IPB, Dramaga, Bogor, West Java  
 Cultivation: pH 7, 30°C

***Pseudomonas gessardii***

InaCC Number: InaCC **B1202**  
 History: InaCC B1202 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), DB.S3  
 Source of sample: *Curcuma zedoaria* (leaves)  
 Locality: Bojong Gede, Bogor, West Java  
 Cultivation: pH 7, 30°C

***Pseudomonas graminis***

InaCC Number: InaCC **B1219**  
 History: InaCC B1219 ← LIPI (Ruby Setiawan) ← LIPI (Ruby Setiawan), SB017  
 Source of sample: Hot springs water  
 Locality: Pemandian Nusantara, Mamasa, West Sulawesi  
 Cultivation: pH 7, 30°C

***Pseudomonas guariconensis***

InaCC Number: InaCC **B1166**  
 History: InaCC B1166 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari & Siti Meliah), GTS02-24  
 Source of sample: Soil  
 Locality: Mt. Tambora, Kawinda Toi Regency, NTB  
 Cultivation: pH 7, 25-30°C

***Pseudomonas japonica***InaCC Number: InaCC **B874**

History: InaCC B874 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B103 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana) 31Nd

Source of sample: Soil

Locality: Bangkirai Hill (rain forest), Balikpapan, Indonesia

Cultivation: NBRC 804, 25°C

***Pseudomonas japonica***InaCC Number: InaCC **B1340**

History: InaCC B1340 ← LIPI (Puspita Lisdiyanti, C9)

Source of sample: Coffee pulp waste

Locality: Dampit, Malang

Cultivation: ECM, pH 7-7.2, 30°C

***Pseudomonas japonica***InaCC Number: InaCC **B1348**

History: InaCC B1348 ← LIPI (Puspita Lisdiyanti, C49)

Source of sample: Luwak feces

Locality: Dampit, Malang

Cultivation: ECM, pH 7-7.2, 30°C

***Pseudomonas japonica***InaCC Number: InaCC **B1350**

History: InaCC B1350 ← LIPI (Puspita Lisdiyanti, C52)

Source of sample: Luwak feces

Locality: Dampit, Malang

Cultivation: ECM, pH 7-7.2, 30°C

***Pseudomonas japonica***InaCC Number: InaCC **B1352**

History: InaCC B1352 ← LIPI (Puspita Lisdiyanti, C57)

Source of sample: Luwak feces

Locality: Mt. Kelud, Kediri

Cultivation: ECM, pH 7-7.2, 30°C

***Pseudomonas knackmussii***InaCC Number: InaCC **B522**

History: InaCC B522 ← LIPI (Made, LIPI14-3-B066) ← LIPI (Dwi N. Susilowati), Er II B3.4

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Pseudomonas koreensis***InaCC Number: InaCC **B434**

History: InaCC B434 ← LIPI (Tri Ratna Sulistiyani) ← LIPI (Tri Ratna Sulistiyani), BISC1

Source of sample: Stem of *Curcuma zedoaria*

Locality: Garden of Medicinal plants collection of Biopharma Research Center, IPB

Cultivation: NA, pH 7, 30°C

***Pseudomonas mohnii***InaCC Number: InaCC **B1177**

History: InaCC B1177 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari &amp; Siti Meliah), GTS08-6

Source of sample: Soil

Locality: Mt. Tambora, Kawinda Toi Regency, NTB

Cultivation: pH 7, 25-30°C

***Pseudomonas monteillii***InaCC Number: InaCC **B1182**

History: InaCC B1182 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari &amp; Siti Meliah), GTS12-2

Source of sample: Soil

Locality: Mt. Tambora, Kawinda Toi Regency, NTB

Cultivation: pH 7, 25-30°C

***Pseudomonas montelii***InaCC Number: InaCC **B878**

History: InaCC B878 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B118 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana) 8-1-1L

Source of sample: Soil

Locality: Maratua Island, Indonesia

Cultivation: NBRC 804, 25°C

***Pseudomonas moorei***InaCC Number: InaCC **B866**

History: InaCC B866 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B064 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana) 21Na

Source of sample: Soil

Locality: Bangkirai Hill (rain forest), Balikpapan, Indonesia

Cultivation: NBRC 804, 25°C

***Pseudomonas mosselii***InaCC Number: InaCC **B887**

History: InaCC B887 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu), JSAT12-3-B155b

Source of sample: Plant (kacang panjang (bean, *Vigna sinensis* root nodule)

Locality: Mt. Pancar, Bogor, Indonesia

Cultivation: NBRC 804, 25°C

***Pseudomonas mosselii***InaCC Number: InaCC **B470**

History: InaCC B470 ← LIPI (Made, LIPI14-3-B014) ← LIPI (Dwi N. Susilowati), Er I B2.5a

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Pseudomonas mosselii***InaCC Number: InaCC **B1169**

History: InaCC B1169 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari &amp; Siti Meliah), GTS03-27

Source of sample: Soil

Locality: Mt. Tambora, Kawinda Toi Regency, NTB

Cultivation: NA, pH 7, 25-30°C

***Pseudomonas mosselii***InaCC Number: InaCC **B1368**

History: InaCC B1368 ← LIPI (Siti Meliah), KR16-16

Source of sample: Fluid of *Nepenthes raflesiana*

Locality: Mt. Betina, Karimun Besar, Riau Islands

Cultivation: R2A/NA, pH 7, 25-30°C

***Pseudomonas otitidis***InaCC Number: InaCC **B1199**

History: InaCC B1199 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), BL.S1

Source of sample: *Curcuma zedoaria* (stem)

Locality: Experiment garden of Research Center for Biology, LIPI, Cibinong, West Java

Cultivation: pH 7, 30°C

***Pseudomonas panipatensis***InaCC Number: InaCC **B958**

History: InaCC B958 ← LIPI (I.M. Sudiana) &amp; NBRC (S. Otsuka) ← NBRC (A. Hosoda and S. Otsuka), T2-41

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Pseudomonas plecoglossicida***InaCC Number: InaCC **B1179**

History: InaCC B1179 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari &amp; Siti Meliah), GTS10-1

Source of sample: Soil

Locality: Mt. Tambora, Kawinda Toi Regency, NTB

Cultivation: pH 7, 25-30°C

***Pseudomonas pseudoalcaligenes***InaCC Number: InaCC **B538**

History: InaCC B538 ← LIPI (Made, LIPI14-3-B082) ← LIPI (Dwi N. Susilowati), Ptb II B2.10

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Pseudomonas psychrotolerans***InaCC Number: InaCC **B858**

History: InaCC B858 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B037 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana) 15Na

Source of sample: Soil  
 Locality: Berau, Indonesia  
 Cultivation: NBRC 804, 25°C

***Pseudomonas psychrotolerans***

InaCC Number: InaCC B37  
 History: InaCC B37 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), PLeW3G  
 Source of sample: Leaf  
 Locality: Protected Forest Papalia, South Konawe  
 Cultivation: NA/TSA, pH 7, 30°C

***Pseudomonas putida***

InaCC Number: InaCC B28  
 History: InaCC B28 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), 102LLA  
 Source of sample: Leaf  
 Locality: Protected Forest Mekongga, Tinukari, North Kolaka  
 Cultivation: NA/TSA, pH 7, 30°C

***Pseudomonas putida***

InaCC Number: InaCC B72  
 History: InaCC B72 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), MKS18B  
 Source of sample: Soil  
 Locality: Protected Forest Mekongga, Tinukari, North Kolaka  
 Cultivation: NA/TSA, pH 7, 30°C

***Pseudomonas sihuensis***

InaCC Number: InaCC B1281  
 History: InaCC B1281 ← LIPI (Tri Ratna S, KR26.2)  
 Source of sample: *Brugulera gymnorhiza* (root)  
 Locality: Ketam Beach, Karimun, Riau Islands  
 Cultivation: NA, pH 7, 30°C

***Pseudomonas sihuensis***

InaCC Number: InaCC B1282  
 History: InaCC B1282 ← LIPI (Tri Ratna S, KR29.2)  
 Source of sample: *Lumnitzera racemosa* (root)  
 Locality: Ketam Beach, Karimun, Riau Islands

Cultivation: NA, pH 7, 30°C

***Pseudomonas sp.***

InaCC Number: InaCC B921  
 History: InaCC B921 ← K.Mogi & I.M. Sudiana, 1A-2w  
 Source of sample: Paddy field soil  
 Locality: Tangerang, Indonesia  
 Cultivation: 25°C

***Pseudomonas sp.***

InaCC Number: InaCC B823  
 History: InaCC B823 ← LIPI (I Made Sudiana) & University of Tokyo (Shigeto Otsuka) LIPI14-3-B148 ← University of Tokyo (Ayaka Hosoda and Shigeto Otsuka) SB-3  
 Source of sample: Paddy field soil  
 Locality: Surabaya, Indonesia  
 Cultivation: 1/10 R2A, 25°C

***Pseudomonas sp.***

InaCC Number: InaCC B959  
 History: InaCC B959 ← A. Hosoda and S. Otsuka Sb-35  
 Source of sample: Paddy field soil  
 Locality: Surabaya, Indonesia  
 Cultivation: 25°C

***Pseudomonas sp.***

InaCC Number: InaCC B70  
 History: InaCC B70 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), MKS15B  
 Source of sample: Soil  
 Locality: Protected Forest Mekongga, Tinukari, North Kolaka  
 Cultivation: NA/TSA, pH 7, 30°C

***Pseudomonas sp.***

InaCC Number: InaCC B69  
 History: InaCC B69 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), MKS15A  
 Source of sample: Soil  
 Locality: Protected Forest Mekongga, Tinukari, North Kolaka  
 Cultivation: NA/TSA, pH 7, 30°C

***Pseudomonas* sp.**InaCC Number: InaCC **B68**

History: InaCC B68 ← LIPI (Agustinus Joko N), MKS14D

Source of sample: Soil

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Pseudomonas* sp.**InaCC Number: InaCC **B839**

History: InaCC B839 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B1183a ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana), 11h

Source of sample: Root nodule of kacang panjang (bean, *Vigna sinensis* Endl. Ex Hassk)

Locality: Mt. Pancar, Bogor, Indonesia

Cultivation: NBRC 804, 25°C

***Pseudomonas* sp.**InaCC Number: InaCC **B56**

History: InaCC B56 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), MKS3G

Source of sample: Soil

Locality: Protected Forest Mekongga, Tinukari, North Kolaka

Cultivation: NA/TSA, pH 7, 30°C

***Pseudomonas stutzeri***InaCC Number: InaCC **B1205**

History: InaCC B1205 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), RB.P4

Source of sample: *Curcuma zedoaria* (rhizome)

Locality: Bojong Gede, Bogor, West Java

Cultivation: pH 7, 30°C

***Pseudomonas stutzeri***InaCC Number: InaCC **B1279**

History: InaCC B1297 ← Tri Ratna Sulistiyani (Strain No.AAB.3)

Source of sample: *Avicena alba* (stem)

Locality: Karimun Anak Island, Riau

Cultivation: NA, 30°C

***Pseudomonas stutzeri***InaCC Number: InaCC **B1325**

History: InaCC B1325 ← LIPI (Ruby Setiawan), KRSd3\_3.1

Source of sample: Marine sediment

Locality: Karimun Anak Island, Riau Islands

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Pseudomonas taiwanensis***InaCC Number: InaCC **B857**

History: InaCC B857 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B033 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana) 14Na

Source of sample: Soil

Locality: Berau, Indonesia

Cultivation: NBRC 804, 25°C

***Pseudoxanthomonas mexicana***InaCC Number: InaCC **B960**

History: InaCC B960 ← A. Hosoda and S. Otsuka T1-47

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Pseudoxanthomonas mexicana***InaCC Number: InaCC **B1444**

History: InaCC B1444 ← LIPI (Dian Andriani, DEA 10)

Source of sample: Sediment

Locality: Mangrove forest, Pantai Indah Kapuk, Jakarta

Cultivation: BH, pH 7, 30°C

***Pseudomonas graminis***InaCC Number: InaCC **B861**

History: InaCC B861 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B044 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana) 18Lb

Source of sample: Soil

Locality: Wain River, Balikpapan, Indonesia

Cultivation: NBRC 804, 25°C

***Qipengyuania aquimaris***

InaCC Number: InaCC **B1521**  
 History: InaCC B1521 ← LIPI (R.Setiawan), TYSSd-1.J.4.1  
 Source of sample: Sea water sediment  
 Locality: Saumlaki  
 Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Qipengyuania aquimaris***

InaCC Number: InaCC **B1522**  
 History: InaCC B1522 ← LIPI (R.Setiawan), TYSSd-1.J.4.15  
 Source of sample: Sea water sediment  
 Locality: Saumlaki  
 Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Qipengyuania aquimaris***

InaCC Number: InaCC **B1523**  
 History: InaCC B1523 ← LIPI (R.Setiawan), TYSSd-1.J.4.16  
 Source of sample: Sea water sediment  
 Locality: Saumlaki  
 Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Ralstonia sp.***

InaCC Number: InaCC **B924**  
 History: InaCC B924 ← K.Mogi & I.M. Sudiana, 1A-22w  
 Source of sample: Paddy field soil  
 Locality: Tangerang, Indonesia  
 Cultivation: 25°C

***Ralstonia sp.***

InaCC Number: InaCC **B57**  
 History: InaCC B57 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), MKS4A  
 Source of sample: Soil  
 Locality: Protected Forest Mekongga, Tinukari, North Kolaka  
 Cultivation: NA/TSA, pH 7, 30°C

***Raoultella ornithinolytica***

InaCC Number: InaCC **B870**  
 History: InaCC B870 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B095 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana) 30Na  
 Source of sample: Soil  
 Locality: Bangkirai Hill (rain forest), Balikpapan, Indonesia  
 Cultivation: NBRC 804, 25°C

***Raoultella ornithinolytica***

InaCC Number: InaCC **B1344**  
 History: InaCC B1344 ← LIPI (Puspita Lisdiyanti, C28)  
 Source of sample: Luwak feces  
 Locality: Situbondo, Indonesia  
 Cultivation: ECM, pH 7-7.2, 30°C

***Raoultella ornithinolytica***

InaCC Number: InaCC **B1354**  
 History: InaCC B1354 ← LIPI (Puspita Lisdiyanti, P25)  
 Source of sample: Luwak feces  
 Locality: Situbondo, Indonesia  
 Cultivation: ECPM, pH 7-7.2, 30°C

***Raoultella ornithinolytica***

InaCC Number: InaCC **B1356**  
 History: InaCC B1356 ← LIPI (Puspita Lisdiyanti, P52)  
 Source of sample: Luwak feces  
 Locality: Dampit, Malang  
 Cultivation: ECPM, pH 7-7.2, 30°C

***Rheinheimera nanhaiensis***

InaCC Number: InaCC **B1076**  
 History: InaCC B1076 ← LIPI (Arif Nurkanto, LIPI13-2-Ac064) ← NBRC (Moriyuki Hamada), PS-13-7  
 Source of sample: Sediment  
 Locality: Pramuka Island, Kep. Seribu, Indonesia  
 Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Rhizobacterium alamii***InaCC Number: InaCC **B1193**

History: InaCC B1193 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), RK6

Source of sample: *Curcuma heyneana* (rhizome)

Locality: Bogor Botanical Garden, Bogor, West Java

Cultivation: pH 7, 30°C

***Rhizobium altiplani***InaCC Number: InaCC **B1412**

History: InaCC B1412 ← LIPI (Tri Ratna S, DT 14.7)

Source of sample: Soil of andaliman plant

Locality: Samosir Arboretum &amp; Botanic Garden, Tomok, North Sumatra

Cultivation: YEMA, pH 7, 28°C

***Rhizobium altiplani***InaCC Number: InaCC **B1413**

History: InaCC B1413 ← LIPI (Tri Ratna S, DT 14.19)

Source of sample: Soil of andaliman plant

Locality: Arboretum &amp; Kebun Raya Samosir, Tomok, North Sumatra

Cultivation: YEMA, pH 7, 28°C

***Rhizobium calliandrae***InaCC Number: InaCC **B1406**

History: InaCC B1406 ← LIPI (Tri Ratna S, TE 29.10)

Source of sample: Soil of kemenyan plant

Locality: Taman Eden 100, North Sionggang, North Sumatra

Cultivation: YEMA, pH 7, 28°C

***Rhizobium cellulolyticum***InaCC Number: InaCC **B42**

History: InaCC B42 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), PLW1D

Source of sample: Leaf litter

Locality: Protected Forest Papalia, South Konawe

Cultivation: NA/TSA, pH 7, 30°C

***Rhizobium grahamii***InaCC Number: InaCC **B1414**

History: InaCC B1414 ← LIPI (Tri Ratna S, DT 14.12)

Source of sample: Soil of andaliman plant

Locality: Samosir Arboretum &amp; Botanic Garden, Tomok, North Sumatra

Cultivation: YEMA, pH 7, 28°C

***Rhizobium larrymoorei***InaCC Number: InaCC **B1420**

History: InaCC B1420 ← LIPI (R.Setiawan), MSD1.1.9 ZA

Source of sample: Sediment

Locality: Mt. Merapi National Park Resort Cangkring, Sleman

Cultivation: NA, pH 7, 30°C

***Rhizobium leucaenae***InaCC Number: InaCC **B1405**

History: InaCC B1405 ← LIPI (Tri Ratna S, TE 29.1)

Source of sample: Soil of kemenyan plant

Locality: Taman Eden 100, North Sionggang, North Sumatra

Cultivation: YEMA, pH 7, 28°C

***Rhizobium miluonense***InaCC Number: InaCC **B1184**

History: InaCC B1184 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari &amp; Siti Meliah), GTS13-23

Source of sample: Soil

Locality: Mt. Tambora, Kawinda Toi Regency, NTB

Cultivation: pH 7, 25-30°C

***Rhizobium miluonense***InaCC Number: InaCC **B1400**

History: InaCC B1400 ← LIPI (Tri Ratna S, TE 09.1E)

Source of sample: Soil of simartolu plant

Locality: Taman Eden 100, North Sionggang, North Sumatra

Cultivation: YEMA, pH 7, 28°C

***Rhizobium multihospitium***

InaCC Number: InaCC **B1401**  
 History: InaCC B1401 ← LIPI (Tri Ratna S, TE 09.2E)  
 Source of sample: Soil of simartolu plant  
 Locality: Taman Eden 100, North Sionggang, North Sumatra  
 Cultivation: YEMA, pH 7, 28°C

***Rhizobium multihospitium***

InaCC Number: InaCC **B1402**  
 History: InaCC B1402 ← LIPI (Tri Ratna S, TE 29.1E)  
 Source of sample: Soil of kemenyan plant  
 Locality: Taman Eden 100, North Sionggang, North Sumatra  
 Cultivation: YEMA, pH 7, 28°C

***Rhizobium multihospitium***

InaCC Number: InaCC **B1403**  
 History: InaCC B1403 ← LIPI (Tri Ratna S, DT 14.2)  
 Source of sample: Soil of andaliman plant  
 Locality: Samosir Arboretum & Botanic Garden, Tomok, North Sumatra  
 Cultivation: YEMA, pH 7, 28°C

***Rhizobium multihospitium***

InaCC Number: InaCC **B1404**  
 History: InaCC B1404 ← LIPI (Tri Ratna S, DT 21.20)  
 Source of sample: Soil of haminjun plant  
 Locality: Samosir Arboretum & Botanic Garden, Tomok, North Sumatra  
 Cultivation: YEMA, pH 7, 28°C

***Rhizobium nepotum***

InaCC Number: InaCC **B1180**  
 History: InaCC B1180 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari & Siti Meliah), GTS10-14  
 Source of sample: Soil  
 Locality: Mt. Tambora, Kawinda Toi Regency, NTB  
 Cultivation: pH 7, 25-30°C

***Rhizobium nepotum***

InaCC Number: InaCC **B1178**  
 History: InaCC B1178 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari & Siti Meliah), GTS10-13  
 Source of sample: Soil  
 Locality: Mt. Tambora, Kawinda Toi Regency, NTB  
 Cultivation: pH 7, 25-30°C

***Rhizobium nepotum***

InaCC Number: InaCC **B1174**  
 History: InaCC B1174 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari & Siti Meliah), GTS07-2  
 Source of sample: Soil  
 Locality: Mt. Tambora, Kawinda Toi Regency, NTB  
 Cultivation: pH 7, 25-30°C

***Rhizobium paranense***

InaCC Number: InaCC **B1419**  
 History: InaCC B1419 ← LIPI (Tri Ratna S, DT 24.1E)  
 Source of sample: Soil of Toba orchid  
 Locality: Samosir Arboretum & Botanic Garden, Tomok, North Sumatra  
 Cultivation: YEMA, pH 7, 28°C

***Rhizobium pusense***

InaCC Number: InaCC **B1163**  
 History: InaCC B1163 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari & Siti Meliah), GTS01-63  
 Source of sample: Soil  
 Locality: Mt. Tambora, Kawinda Toi Regency, NTB  
 Cultivation: pH 7, 25-30°C

***Rhizobium radiobacter***

InaCC Number: InaCC **B1167**  
 History: InaCC B1167 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari & Siti Meliah), GTS02-65  
 Source of sample: Soil



Locality: Mt. Tambora, Kawinda Toi Regency, NTB

Cultivation: pH 7, 25–30°C

***Rhizobium radiobacter***

InaCC Number: InaCC **B1162**

History: InaCC B1162 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari & Siti Meliah), GTS01-61

Source of sample: Soil

Locality: Mt. Tambora, Kawinda Toi Regency, NTB

Cultivation: pH 7, 25–30°C

***Rhizobium radiobacter***

InaCC Number: InaCC **B481**

History: InaCC B481 ← LIPI (Made, LIPI14-3-B025) ← LIPI (Dwi N. Susilowati), Er I B3.5

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8–7.2, 30°C

***Rhizobium radiobacter***

InaCC Number: InaCC **B1293**

History: InaCC B1293 ← LIPI (Tri Ratna S.), SMGW7

Source of sample: Gamal (*Gliricidia sepium*) stem

Locality: Wanggameti National Park area, NTT

Cultivation: NA, pH 7, 30°C

***Rhizobium radiobacter***

InaCC Number: InaCC **B1407**

History: InaCC B1407 ← LIPI (Tri Ratna S, DT 14.5)

Source of sample: Soil of andaliman plant

Locality: Samosir Arboretum & Botanic Garden, Tomok, North Sumatra

Cultivation: YEMA, pH 7, 28°C

***Rhizobium radiobacter***

InaCC Number: InaCC **B1408**

History: InaCC B1408 ← LIPI (Tri Ratna S, DT 14.16)

Source of sample: Soil of andaliman plant

Locality: Samosir Arboretum & Botanic Garden, Tomok, North Sumatra

Cultivation: YEMA, pH 7, 28°C

***Rhizobium radiobacter***

InaCC Number: InaCC **B1409**

History: InaCC B1409 ← LIPI (Tri Ratna S, DT 14.21)

Source of sample: Soil of andaliman plant

Locality: Samosir Arboretum & Botanic Garden, Tomok, North Sumatra

Cultivation: YEMA, pH 7, 28°C

***Rhizobium radiobacter***

InaCC Number: InaCC **B1410**

History: InaCC B1410 ← LIPI (Tri Ratna S, DT 14.1E)

Source of sample: Soil of andaliman plant

Locality: Samosir Arboretum & Botanic Garden, Tomok, North Sumatra

Cultivation: YEMA, pH 7, 28°C

***Rhizobium radiobacter***

InaCC Number: InaCC **B1411**

History: InaCC B1411 ← LIPI (Tri Ratna S, MSP.3a.E)

Source of sample: Soil of grass

Locality: Mt. Merapi National Park Resort Cangkring, Sleman

Cultivation: YEMA, pH 7, 28°C

***Rhizobium rhizogenes***

InaCC Number: InaCC **B1416**

History: InaCC B1416 ← LIPI (Tri Ratna S, DT 20.1E)

Source of sample: Soil of simartolu plant

Locality: Samosir Arboretum & Botanic Garden, Tomok, North Sumatra

Cultivation: YEMA, pH 7, 28°C

***Rhizobium rosettiformans***InaCC Number: InaCC **B1074**

History: InaCC B1074 ← LIPI (Arif Nurkanto, LIPI13-2-Ac053) ← NBRC (Moriyuki Hamada), PS-11-17

Source of sample: Sediment

Locality: Pramuka Island, Seribu Islands, Indonesia

Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Rhizobium rosettiformans***InaCC Number: InaCC **B1423**

History: InaCC B1423 ← LIPI (R.Setiawan), MSD4.4.7

Source of sample: Sediment

Locality: Mt. Merapi National Park Resort Cangkringan, Sleman

Cultivation: NA, pH 7, 30°C

***Rhizobium sp.***InaCC Number: InaCC **B902**

History: InaCC B902 ← K.Mogi &amp; I.M. Sudiana, 3-14

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Rhizobium sp.***InaCC Number: InaCC **B834**

History: InaCC B834 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B136b ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana), 2a

Source of sample: Root nodule of albisia (*Albizia falcataria* (L) Fosberg)

Locality: Mt. Pancar, Bogor, Indonesia

Cultivation: NBRC 804, 25°C

***Rhizobium sp.***InaCC Number: InaCC **B961**

History: InaCC B961 ← A. Hosoda and S. Otsuka T1-18

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Rhizobium sp.***InaCC Number: InaCC **B835**

History: InaCC B835 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B144a\_20121227 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana), 4a

Source of sample: Root nodule of putri malu (*Mimosa pudica* Linn.)

Locality: Mt. Pancar, Bogor, Indonesia

Cultivation: NBRC 804, 25°C

***Rhizobium tarimense***InaCC Number: InaCC **B1194**

History: InaCC B1194 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), DI.S.D4

Source of sample: *Curcuma zedoaria* (leaves)

Locality: Garden of medicinal collections of Biopharmaca research center, IPB, Dramaga, Bogor, West Java

Cultivation: pH 7, 30°C

***Rhizobium tropici***InaCC Number: InaCC **B1417**

History: InaCC B1417 ← LIPI (Tri Ratna S, DT 20.2E)

Source of sample: Soil of simartolu plant

Locality: Samosir Arboretum &amp; Botanic Garden, Tomok, North Sumatra

Cultivation: YEMA, pH 7, 28°C

***Rhizobium tropici***InaCC Number: InaCC **B1418**

History: InaCC B1418 ← LIPI (Tri Ratna S, DT 21.16)

Source of sample: Soil of haminjun plant

Locality: Samosir Arboretum &amp; Botanic Garden, Tomok, North Sumatra

Cultivation: YEMA, pH 7, 28°C

***Rhizobium yantingense***InaCC Number: InaCC **B1415**

History: InaCC B1415 ← LIPI (Tri Ratna S, DT 14.23)

Source of sample: Soil of andaliman plant  
 Locality: Samosir Arboretum & Botanic Garden,  
 Tomok, North Sumatra  
 Cultivation: YEMA, pH 7, 28°C

***Rhodococcus equi***

InaCC Number: InaCC **B67**  
 History: InaCC B67 ← LIPI (Agustinus Joko N)  
 ← LIPI (Agustinus Joko N), MKS14B  
 Source of sample: Soil  
 Locality: Protected Forest Mekongga, Tinukari,  
 North Kolaka  
 Cultivation: NA/TSA, pH 7, 30°C

***Rhodococcus ruber***

InaCC Number: InaCC **B468**  
 History: InaCC B468 ← LIPI (Made, LIPI14-  
 3-B012) ← LIPI (Dwi N. Susilowati), Er I B2.3  
 Source of sample: Rice rhizosphere soil (pot  
 experiment)  
 Locality: Eretan Kulon, Kandang-Haur,  
 Indramayu  
 Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Rhodocyclaceae bacterium***

InaCC Number: InaCC **B962**  
 History: InaCC B962 ← A. Hosoda and S. Otsuka  
 T2-136  
 Source of sample: Paddy field soil  
 Locality: Tangerang, Indonesia  
 Cultivation: 25°C

***Rhodopseudomonas palustris***

InaCC Number: InaCC **B1453**  
 History: InaCC B1453 ← LIPI (Masrukhin, PS.  
 B)  
 Source of sample: Wilted banana stem  
 Locality: Cibinong, Bogor  
 Cultivation: NA, pH 7, 30°C

***Rohrkolberia sp.***

InaCC Number: InaCC **B825**  
 History: InaCC B825 ← LIPI (I.M. Sudiana) &  
 NBRC (Y. Muramatsu). JSAT12-3-B001 ← NBRC  
 (Y. Muramatsu) & LIPI (I.M. Sudiana), 1L

Source of sample: Water  
 Locality: Kakaban Island, Indonesia  
 Cultivation: NBRC 804, 25°C

***Rubrivivax gelatinosus***

InaCC Number: InaCC **B819**  
 History: InaCC B819 ← LIPI (I Made Sudiana)  
 & University of Tokyo (Shigeto Otsuka) LIPI14-  
 3-B144 ← University of Tokyo (Ayaka Hosoda  
 and Shigeto Otsuka) RB-71  
 Source of sample: Paddy field soil  
 Locality: Rambut Siwi, Indonesia  
 Cultivation: 1/10 R2A, 25°C

***Ruegeria arenilitoris***

InaCC Number: InaCC **B1336**  
 History: InaCC B1336 ← LIPI (Ruby Setiawan),  
 KR27\_4.2  
 Source of sample: Mangrove sediment  
 Locality: Ketam Beach, Pongkar Village, Riau  
 Islands  
 Cultivation: Zobell Marine Agar/Marine Agar  
 2216, pH 7, 30°C

***Salinicoccus roseus***

InaCC Number: InaCC **B1108**  
 History: InaCC B1108 ← LIPI (Arif Nurkanto,  
 LIPI14-2-Ac126) ← NBRC (Moriyuki Hamada),  
 BSe8-10  
 Source of sample: Sediment, near rocky boarder  
 Locality: Sanur, Denpasar, Indonesia  
 Cultivation: NBRC Medium 802 + 2% NaCl,  
 28°C

***Salinicoccus roseus***

InaCC Number: InaCC **B1107**  
 History: InaCC B1107 ← LIPI (Arif Nurkanto,  
 LIPI14-2-Ac124) ← NBRC (Moriyuki Hamada),  
 BSe8-8  
 Source of sample: Sediment, near rocky boarder  
 Locality: Sanur, Denpasar, Indonesia  
 Cultivation: NBRC Medium 802 + 2% NaCl,  
 28°C

***Salinicola salarius***

InaCC Number: InaCC **B458**

History: InaCC B458 ← LIPI (Made, LIPI14-3-B001) ← LIPI (Dwi N. Susilowati), Er I B1.1

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Salinicola salarius***

InaCC Number: InaCC **B507**

History: InaCC B507 ← LIPI (Made, LIPI14-3-B051) ← LIPI (Dwi N. Susilowati), Er II B1.1

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Shigella flexneri***

InaCC Number: InaCC **B1426**

History: InaCC B1426 ← LIPI (R.Setiawan), MSD2.1.1 ZA

Source of sample: Sediment

Locality: Mt. Merapi National Park Resort Cangkringan, Sleman

Cultivation: NA, pH 7, 30°C

***Shigella* sp.**

InaCC Number: InaCC **B1360**

History: InaCC B1360 ← LIPI (Puspita Lisdiyanti, P53)

Source of sample: Luwak feces

Locality: Mt. Kelud, Kediri

Cultivation: ECPM, pH 7-7.2, 30°C

***Simplicispira limi***

InaCC Number: InaCC **B963**

History: InaCC B963 ← A. Hosoda and S. Otsuka RB-8

Source of sample: Paddy field soil

Locality: Rambut Siwi, Indonesia

Cultivation: 25°C

***Sinomonas albida***

InaCC Number: InaCC **B860**

History: InaCC B860 ← LIPI (I.M. Sudiana) & NBRc (Y. Muramatsu). JSAT12-3-B039 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana) 16Na

Source of sample: Soil

Locality: Berau, Indonesia

Cultivation: NBRC 804, 25°C

***Sinomonas atracyanea***

InaCC Number: InaCC **B510**

History: InaCC B510 ← LIPI (Made, LIPI14-3-B054) ← LIPI (Dwi N. Susilowati), Er II B1.4

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Sinomonas flava***

InaCC Number: InaCC **B483**

History: InaCC B483 ← LIPI (Made, LIPI14-3-B027) ← LIPI (Dwi N. Susilowati), Er I B3.7

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Sphingobacterium multivorum***

InaCC Number: InaCC **B1541**

History: InaCC B1541 ← LIPI (Masrukhin, BY 2)

Source of sample: Diseased spinach phyllosphere

Locality: Cibinong, Bogor Regency

Cultivation: NA, pH 7, 25-30°C

***Sphingobium yanoikuyae***

InaCC Number: InaCC **B1183**

History: InaCC B1183 ← LIPI (Siti Meliah) ← LIPI (Achirul Nditasari & Siti Meliah), GTS13-11

Source of sample: Soil

Locality: Mt. Tambora, Kawinda Toi Regency, NTB

Cultivation: NA, pH 7, 25–30°C

***Sphingobium yanoikuyae***

InaCC Number: InaCC **B1292**

History: InaCC B1292 ← LIPI (Tri Ratna S), SMGW6

Source of sample: Gamal (*Gliricidia sepium*) stem

Locality: Wanggameti National Park area, NTT

Cultivation: NA, pH 7, 30°C

***Sphingomonas paucimobilis***

InaCC Number: InaCC **B1186**

History: InaCC B1186 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), DK5

Source of sample: *Curcuma heyneana* (leaves)

Locality: Bogor Botanical Garden, Bogor, West Java

Cultivation: pH 7, 30°C

***Sphingomonas yunnanensis***

InaCC Number: InaCC **B1246**

History: InaCC B1246 ← LIPI (Ruby Setiawan) SB009 ← LIPI (Ruby Setiawan) HS2YWS9

Source of sample: Hot spring water

Locality: Mamasa, West Sulawesi

Cultivation: RZA, pH 7, 30°C

***Sporosarcina pasteurii***

InaCC Number: InaCC **B342**

History: InaCC B342 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), BST0417

Source of sample: Stone

Locality: Satonda Island, Indonesia

Cultivation: NA

***Sporosarcina pasteurii***

InaCC Number: InaCC **B350**

History: InaCC B350 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), BST0418

Source of sample: Stone

Locality: Satonda Island, Indonesia

Cultivation: NA

***Sporosarcina pasteurii***

InaCC Number: InaCC **B349**

History: InaCC B349 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti),

Source of sample: Stone

Locality: Satonda Island, Indonesia

Cultivation: NA

***Sporosarcina soli***

InaCC Number: InaCC **B448**

History: InaCC B448 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), SA0811(1)

Source of sample: Water

Locality: Samalona Island beach, Pangkap, Sulawesi

Cultivation: NA/B4, pH 7, 30°C

***Staphylococcus alettae***

InaCC Number: InaCC **B846**

History: InaCC B846 ← LIPI (I.M. Sudiana) & NBRC (Y. Muramatsu). JSAT12-3-B008 ← NBRC (Y. Muramatsu) & LIPI (I.M. Sudiana) 4N

Source of sample: Soil

Locality: Maratua Island, Indonesia

Cultivation: NBRC 804, 25°C

***Staphylococcus arlettae***

InaCC Number: InaCC **B44**

History: InaCC B44 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), PLW1H

Source of sample: Leaf litter

Locality: Protected Forest Papalia, South Konawe

Cultivation: NA/TSA, pH 7, 30°C

***Staphylococcus arlettae***

InaCC Number: InaCC **B1075**

History: InaCC B1075 ← LIPI (Arif Nurkanto, LIPI13-2-Ac055) ← NBRC (Moriyuki Hamada), PS-12-1

Source of sample: Sediment

Locality: Pramuka Island, Seribu Islands, Indonesia

Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Staphylococcus caprae***

InaCC Number: InaCC **B442**  
 History: InaCC B442 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), BT031  
 Source of sample: Soil  
 Locality: Mimpi Cave, Batimurung, Sulawesi  
 Cultivation: NA/B4, pH 7, 30°C

***Staphylococcus cohnii***

InaCC Number: InaCC **B66**  
 History: InaCC B66 ← LIPI (Agustinus Joko N) ← LIPI (Agustinus Joko N), MKS13B  
 Source of sample: Soil  
 Locality: Protected Forest Mekongga, Tinukari, North Kolaka  
 Cultivation: NA/TSA, pH 7, 30°C

***Staphylococcus cohnii* subsp. *cohnii***

InaCC Number: InaCC **B1060**  
 History: InaCC B1060 ← LIPI (Arif Nurkanto, LIPI13-2-Ac005) ← NBRC (Moriyuki Hamada), PS-2-2  
 Source of sample: Rhizosphere sediment  
 Locality: Pari Island, Seribu Islands, Indonesia  
 Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Staphylococcus gallinarum***

InaCC Number: InaCC **B524**  
 History: InaCC B524 ← LIPI (Made, LIPI14-3-B068) ← LIPI (Dwi N. Susilowati), Er II B3.8  
 Source of sample: Rice rhizosphere soil (pot experiment)  
 Locality: Eretan Kulon, Kandang-Haur, Indramayu  
 Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Staphylococcus hominis***

InaCC Number: InaCC **B447**  
 History: InaCC B447 ← LIPI (P. Lisdiyanti) ← LIPI (P. Lisdiyanti), S415  
 Source of sample: Sand  
 Locality: Depok Beach, Yogyakarta  
 Cultivation: NA/B4, pH 7, 30°C

***Staphylococcus hominis***

InaCC Number: InaCC **B226**  
 History: InaCC B226 ← LIPI (Y. Widyastuti), 1B51(2)  
 Source of sample: Oil palm (fruit)  
 Locality: Cibinong, Indonesia  
 Cultivation: MRS

***Staphylococcus hominis***

InaCC Number: InaCC **B1249**  
 History: InaCC B1249 ← LIPI (Ruby Setiawan) SB018 ← LIPI (Ruby Setiawan) HS3YWS18  
 Source of sample: Hot spring water  
 Locality: Mamasa, West Sulawesi  
 Cultivation: RZA, pH 7, 30°C

***Staphylococcus hominis* subsp. *novobiosepticus***

InaCC Number: InaCC **B1250**  
 History: InaCC B1250 ← LIPI (Ruby Setiawan) SB021 ← LIPI (Ruby Setiawan) HS4YWS21  
 Source of sample: Hot spring water  
 Locality: Mamuju, West Sulawesi  
 Cultivation: RZA, pH 7, 30°C

***Staphylococcus lugdunensis***

InaCC Number: InaCC **B1275**  
 History: InaCC B1275 ← LIPI (Siti Meliah & Tri Ratna Sulistiani), ATNM3  
 Source of sample: Stem of sorghum plant (*Sorghum bicolor*)  
 Locality: Ecological Park, CSC Cibinong, West Java  
 Cultivation: Nutrient broth, pH 7, 25-30°C

***Staphylococcus sciuri***

InaCC Number: InaCC **B227**  
 History: InaCC B227 ← LIPI (Y. Widyastuti), 1B181  
 Source of sample: Water apple fruit  
 Locality: Cibinong, Indonesia  
 Cultivation: MRS

***Staphylococcus sciuri***InaCC Number: InaCC **B1543**

History: InaCC B1543 ← LIPI (Masrukhin, LB 1.3)

Source of sample: Diseased chayote (*Sechium edule*)

Locality: Cibinong, Indonesia

Cultivation: NA, pH 7, 25-30°C

***Staphylococcus sp.***InaCC Number: InaCC **B693**

History: InaCC B693 ← LIPI (Rohmatussolihat, LIPI13-2-LAB092) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 74EM106-9

Source of sample: Terasi

Locality: Solok, West Sumatra

Cultivation: TSB, 30°C

***Staphylococcus sp.***InaCC Number: InaCC **B569**

History: InaCC B569 ← LIPI (Rohmatussolihat, LIPI12-2-LAB051) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 13T106-1

Source of sample: Tempe gembus

Locality: Muntilan, Magelang, Central Java

Cultivation: TSB, 30°C

***Staphylococcus sp.***InaCC Number: InaCC **B682**

History: InaCC B682 ← LIPI (Rohmatussolihat, LIPI13-2-LAB075) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 72EM106-6

Source of sample: Tauco

Locality: Solok, West Sumatra

Cultivation: TSB, 30°C

***Staphylococcus sp.***InaCC Number: InaCC **B564**

History: InaCC B564 ← LIPI (Rohmatussolihat, LIPI12-2-LAB041) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 12T06-5

Source of sample: Pindang bandeng

Locality: Sleman, Yogyakarta

Cultivation: TSB, 30°C

***Staphylococcus sp.***InaCC Number: InaCC **B565**

History: InaCC B565 ← LIPI (Rohmatussolihat, LIPI12-2-LAB043) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 12T106-8

Source of sample: Pindang bandeng

Locality: Sleman, Yogyakarta

Cultivation: TSB, 30°C

***Staphylococcus sp.***InaCC Number: InaCC **B704**

History: InaCC B704 ← LIPI (Rohmatussolihat, LIPI13-2-LAB114) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 77M106-1

Source of sample: Yeast

Locality: Bukittinggi, West Sumatra

Cultivation: TSB, 30°C

***Staphylococcus sp.***InaCC Number: InaCC **B695**

History: InaCC B695 ← LIPI (Rohmatussolihat, LIPI13-2-LAB097) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 75M1010-1

Source of sample: Tauco

Locality: Solok, West Sumatra

Cultivation: TSB, 30°C

***Staphylococcus sp.***InaCC Number: InaCC **B676**

History: InaCC B676 ← LIPI (Rohmatussolihat, LIPI13-2-LAB065) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 71M1010-3

Source of sample: Rice tape (fermented green glutinous rice) water

Locality: Solok, West Sumatra

Cultivation: TSB, 30°C

***Staphylococcus sp.***InaCC Number: InaCC **B688**

History: InaCC B688 ← LIPI (Rohmatussolihat, LIPI13-2-LAB082) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 74M1010-2

Source of sample: Terasi

Locality: Solok, West Sumatra

Cultivation: TSB, 30°C

***Staphylococcus sp.***InaCC Number: InaCC **B568**

History: InaCC B568 ← LIPI (Rohmatussolihat, LIPI12-2-LAB050) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 13T06-3

Source of sample: Tempe gembus

Locality: Muntilan, Magelang, Central Java

Cultivation: TSB, 30°C

***Staphylococcus sp.***InaCC Number: InaCC **B570**

History: InaCC B570 ← LIPI (Rohmatussolihat, LIPI12-2-LAB052) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 13T106-2

Source of sample: Tempe gembus

Locality: Muntilan, Magelang, Central Java

Cultivation: TSB, 30°C

***Staphylococcus sp.***InaCC Number: InaCC **B670**

History: InaCC B670 ← LIPI (Rohmatussolihat, LIPI13-2-LAB053) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 70M106-1

Source of sample: Tapai (cassava tapai)

Locality: Solok, West Sumatra

Cultivation: TSB, 30°C

***Staphylococcus sp.***InaCC Number: InaCC **B574**

History: InaCC B574 ← LIPI (Rohmatussolihat, LIPI12-2-LAB062) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 15T106-3

Source of sample: Presto bandeng

Locality: Beringharjo, Yogyakarta,

Cultivation: TSB, 30°C

***Staphylococcus sp.***InaCC Number: InaCC **B678**

History: InaCC B678 ← LIPI (Rohmatussolihat, LIPI13-2-LAB069) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 72M1010-3

Source of sample: Tauco

Locality: Solok, West Sumatra

Cultivation: TSB, 30°C

***Staphylococcus sp.***InaCC Number: InaCC **B660**

History: InaCC B660 ← LIPI (Rohmatussolihat, LIPI13-2-LAB040) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 61T06-2

Source of sample: Tauco

Locality: Gianyar, Bali

Cultivation: TSB, 30°C

***Staphylococcus sp.***InaCC Number: InaCC **B658**

History: InaCC B658 ← LIPI (Rohmatussolihat, LIPI13-2-LAB037) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 58EM106-4

Source of sample: Terasi

Locality: Blahbatu, Bali

Cultivation: TSB, 30°C

***Staphylococcus sp.***InaCC Number: InaCC **B649**

History: InaCC B649 ← LIPI (Rohmatussolihat, LIPI13-2-LAB021) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 55M106-9

Source of sample: Tauco

Locality: Sukawati, Bali

Cultivation: TSB, 30°C

***Staphylococcus sp.***InaCC Number: InaCC **B639**

History: InaCC B639 ← LIPI (Rohmatussolihat, LIPI13-2-LAB001) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 54T06-1

Source of sample: Terasi

Locality: Sukawati, Bali

Cultivation: TSB, 30°C

***Staphylococcus sp.***InaCC Number: InaCC **B584**

History: InaCC B584 ← LIPI (Rohmatussolihat, LIPI12-2-LAB079) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 21M06-1

Source of sample: Cue Etem

Locality: Pasar Anyar, Bogor, West Java

Cultivation: TSB, 30°C



***Staphylococcus* sp.**InaCC Number: InaCC **B585**

History: InaCC B585 ← LIPI (Rohmatussolihat, LIPI12-2-LAB082) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 21T06-5

Source of sample: Cue Etem

Locality: Pasar Anyar, Bogor, West Java

Cultivation: TSB, 30°C

***Staphylococcus* sp.**InaCC Number: InaCC **B586**

History: InaCC B586 ← LIPI (Rohmatussolihat, LIPI12-2-LAB083) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 21T106-6

Source of sample: Cue Etem

Locality: Pasar Anyar, Bogor, West Java

Cultivation: TSB, 30°C

***Staphylococcus* sp.**InaCC Number: InaCC **B587**

History: InaCC B587 ← LIPI (Rohmatussolihat, LIPI12-2-LAB084) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 21T106-7

Source of sample: Cue Etem

Locality: Pasar Anyar, Bogor, West Java

Cultivation: TSB, 30°C

***Staphylococcus* sp.**InaCC Number: InaCC **B666**

History: InaCC B666 ← LIPI (Rohmatussolihat, LIPI13-2-LAB047) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 69M1010-2

Source of sample: Tapai (fermented black glutinous rice)

Locality: Solok, West Sumatra

Cultivation: TSB, 30°C

***Staphylococcus* sp.**InaCC Number: InaCC **B751**

History: InaCC B751 ← LIPI (Rohmatussolihat, LIPI13-2-LAB202) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 93T06-1

Source of sample: Jambu sweets

Locality: Padang, West Sumatra

Cultivation: TSB, 30°C

***Staphylococcus* sp.**InaCC Number: InaCC **B710**

History: InaCC B710 ← LIPI (Rohmatussolihat, LIPI13-2-LAB124B) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 78T06-4

Source of sample: Tapai (cassava tapai)

Locality: Bukittinggi, West Sumatra

Cultivation: TSB, 30°C

***Staphylococcus* sp.**InaCC Number: InaCC **B623**

History: InaCC B623 ← LIPI (Rohmatussolihat, LIPI12-2-LAB134) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 33T106-8

Source of sample: Tauco

Locality: Pasar Pagi Cirebon, Cirebon, West Java

Cultivation: TSB, 30°C

***Staphylococcus* sp.**InaCC Number: InaCC **B713**

History: InaCC B713 ← LIPI (Rohmatussolihat, LIPI13-2-LAB127) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 78M106-1

Source of sample: Tapai (cassava tapai)

Locality: Bukittinggi, West Sumatra

Cultivation: TSB, 30°C

***Staphylococcus* sp.**InaCC Number: InaCC **B738**

History: InaCC B738 ← LIPI (Rohmatussolihat, LIPI13-2-LAB175) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 88M106-1

Source of sample: Lamang tapai

Locality: Bukittinggi, West Sumatra

Cultivation: TSB, 30°C

***Staphylococcus* sp.**InaCC Number: InaCC **B554**

History: InaCC B554 ← LIPI (Rohmatussolihat, LIPI12-2-LAB019) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 7T106-7

Source of sample: Tempe

Locality: Sleman, Yogyakarta

Cultivation: TSB, 30°C

***Staphylococcus* sp.**InaCC Number: InaCC **B763**

History: InaCC B763 ← LIPI (Rohmatussolihat, LIPI13-2-LAB226) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 96M106-2

Source of sample: Tapai (cassava tapai)

Locality: Padang, West Sumatra

Cultivation: TSB, 30°C

***Staphylococcus* sp.**InaCC Number: InaCC **B545**

History: InaCC B545 ← LIPI (Rohmatussolihat, LIPI12-2-LAB002) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 3T06-1

Source of sample: Peda

Locality: Carrefour, Yogyakarta

Cultivation: TSB, 30°C

***Staphylococcus* sp.**InaCC Number: InaCC **B739**

History: InaCC B739 ← LIPI (Rohmatussolihat, LIPI13-2-LAB177) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 88M1010-3

Source of sample: Lamang tapai

Locality: Bukittinggi, West Sumatra

Cultivation: TSB, 30°C

***Staphylococcus* sp.**InaCC Number: InaCC **B547**

History: InaCC B547 ← LIPI (Rohmatussolihat, LIPI12-2-LAB008) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 5T106-6

Source of sample: Pickles

Locality: food fest, Yogyakarta

Cultivation: TSB, 30°C

***Staphylococcus* sp.**InaCC Number: InaCC **B730**

History: InaCC B730 ← LIPI (Rohmatussolihat, LIPI13-2-LAB153) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 82/83M106-1

Source of sample: Tapai (cassava tapai) &amp; tapai water

Locality: Bukittinggi, West Sumatra

Cultivation: TSB, 30°C

***Staphylococcus warneri***InaCC Number: InaCC **B849**

History: InaCC B849 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B0014a

Source of sample: Soil

Locality: Maratua island, Indonesia

Cultivation: NBRC 804, 25°C

***Starkeya* sp.**InaCC Number: InaCC **B1192**

History: InaCC B1192 ← LIPI (Tri Ratna S) ← LIPI (Tri Ratna S), RK4

Source of sample: *Curcuma heyneana* (rhizome)

Locality: Bogor Botanical Garden, Bogor, West Java

Cultivation: pH 7, 30°C

***Stenotrophomonas chelatiphaga***InaCC Number: InaCC **B1346**

History: InaCC B1346 LIPI (Puspita Lisdiyanti, C32)

Source of sample: Luwak feces

Locality: Situbondo

Cultivation: ECM, pH 7-7.2, 30°C

***Stenotrophomonas maltophilia***InaCC Number: InaCC **B482**

History: InaCC B482 ← LIPI (Made, LIPI14-3-B026) ← LIPI (Dwi N. Susilowati), Er I B3.6

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Eretan Kulon, Kandang-Haur, Indramayu

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Stenotrophomonas maltophilia***InaCC Number: InaCC **B539**

History: InaCC B539 ← LIPI (Made, LIPI14-3-B083) ← LIPI (Dwi N. Susilowati), Ptb II B3.1

Source of sample: Rice rhizosphere soil (pot experiment)

Locality: Patimban, Subang

Cultivation: Soil Extract Agar, pH 6.8-7.2, 30°C

***Stenotropomonas maltophilia***InaCC Number: InaCC **B430**

History: InaCC B430 ← LIPI (Tri Ratna Sulistiyani) ← LIPI (Tri Ratna Sulistiyani), RIPD1

Source of sample: Rhizome of *Curcuma zedoaria*

Locality: Garden of Medicinal plants collection of Biopharma Research Center, IPB

Cultivation: NA, pH 7, 30°C

***Stenotropomonas maltophilia***InaCC Number: InaCC **B1283**

History: InaCC B1283 ← LIPI (Tri Ratna Sulistiyani), Apb.1

Source of sample: Pasak bumi (root)

Locality: Karimun Anak Island, Riau Islands

Cultivation: NA, pH 7, 30°C

***Stenotropomonas maltophilia***InaCC Number: InaCC **B1434**

History: InaCC B1434 ← LIPI (Sri Widawati, Suliasih &amp; Elly Kristiati Agustin, BM1)

Source of sample: Midrib of red leaf *Mitragyna speciosa*

Locality: Pontianak, West Kalimantan

Cultivation: NA, pH 7, 28°C

***Stenotropomonas panacihumi***InaCC Number: InaCC **B1284**

History: InaCC B1284 ← LIPI (Tri Ratna Sulistiyani), SMKZR1

Source of sample: Zingiberaceae (root)

Locality: Ramuk village, NTT

Cultivation: NA, pH 7, 30°C

***Streptococcus* sp.**InaCC Number: InaCC **B571**

History: InaCC B571 ← LIPI (Rohmatussolihat, LIPI12-2-LAB053) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 15M06-1

Source of sample: Presto bandeng

Locality: Beringharjo, Yogyakarta

Cultivation: TSYE, 30°C

***Streptomyces* sp.**InaCC Number: InaCC **B900**

History: InaCC B900 ← K.Mogi &amp; I.M. Sudiana, C-33

Source of sample: Paddy field soil

Locality: Cibinong, Indonesia

Cultivation: 25°C

***Tetragenococcus* sp.**InaCC Number: InaCC **B652**

History: InaCC B652 ← LIPI (Rohmatussolihat, LIPI13-2-LAB028) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 55M1010-16

Source of sample: Tauco

Locality: Sukawati, Bali

Cultivation: MRS (pH10, 10%NaCl), 30°C

***Tetragenococcus* sp.**InaCC Number: InaCC **B659**

History: InaCC B659 ← LIPI (Rohmatussolihat, LIPI13-2-LAB038) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 58EM106-5

Source of sample: Terasi

Locality: Blahbatu, Bali

Cultivation: MRS (pH 7.5-8.0, 6.5%NaCl), 30°C

***Tetragenococcus* sp.**InaCC Number: InaCC **B655**

History: InaCC B655 ← LIPI (Rohmatussolihat, LIPI13-2-LAB034) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 57M106-5

Source of sample: Tauco

Locality: Blahbatu, Bali

Cultivation: MRS (pH 7.5-8.0, 6.5%NaCl), 30°C

***Tetragenococcus* sp.**InaCC Number: InaCC **B641**

History: InaCC B641 ← LIPI (Rohmatussolihat, LIPI13-2-LAB006) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 54M1010-7

Source of sample: Terasi

Locality: Sukawati, Bali

Cultivation: MRS (pH7.5-8.0, 10%NaCl), 30°C

***Tetragenococcus* sp.**

InaCC Number: InaCC **B654**  
 History: InaCC B654 ← LIPI (Rohmatussolihat, LIPI13-2-LAB033) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 57M106-4  
 Source of sample: Tauco  
 Locality: Blahbatu, Bali  
 Cultivation: MRS (pH 7.5–8.0, 6.5%NaCl), 30°C

***Tetragenococcus* sp.**

InaCC Number: InaCC **B640**  
 History: InaCC B640 ← LIPI (Rohmatussolihat, LIPI13-2-LAB003) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 54M106-3  
 Source of sample: Terasi  
 Locality: Sukawati, Bali  
 Cultivation: MRS (pH 7.5–8.0, 10%NaCl), 30°C

***Tetragenococcus* sp.**

InaCC Number: InaCC **B700**  
 History: InaCC B700 ← LIPI (Rohmatussolihat, LIPI13-2-LAB102) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 75EM106-5  
 Source of sample: Tauco  
 Locality: Solok, West Sumatra  
 Cultivation: MRS (pH 7.5–8.0, 6.5%NaCl), 30°C

***Tetragenococcus* sp.**

InaCC Number: InaCC **B651**  
 History: InaCC B651 ← LIPI (Rohmatussolihat, LIPI13-2-LAB027) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 55M1010-15  
 Source of sample: Tauco  
 Locality: Sukawati, Bali  
 Cultivation: MRS (pH 7.5–8.0, 6.5%NaCl), 30°C

***Tetragenococcus* sp.**

InaCC Number: InaCC **B650**  
 History: InaCC B650 ← LIPI (Rohmatussolihat, LIPI13-2-LAB024) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 55M106-12  
 Source of sample: Tauco  
 Locality: Sukawati, Bali  
 Cultivation: MRS (pH 7.5–8.0, 6.5%NaCl), 30°C

***Tetragenococcus* sp.**

InaCC Number: InaCC **B662**  
 History: InaCC B662 ← LIPI (Rohmatussolihat, LIPI13-2-LAB042) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 61M106-4  
 Source of sample: Tauco  
 Locality: Gianyar, Bali  
 Cultivation: MRS (pH 7.5–8.0, 6.5%NaCl), 30°C

***Tetragenococcus* sp.**

InaCC Number: InaCC **B648**  
 History: InaCC B648 ← LIPI (Rohmatussolihat, LIPI13-2-LAB019) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 55M106-7  
 Source of sample: Tauco  
 Locality: Sukawati, Bali  
 Cultivation: MRS (pH 7.5–8.0, 6.5%NaCl), 30°C

***Tetragenococcus* sp.**

InaCC Number: InaCC **B701**  
 History: InaCC B701 ← LIPI (Rohmatussolihat, LIPI13-2-LAB103) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 75EM106-6  
 Source of sample: Tauco  
 Locality: Solok, West Sumatra  
 Cultivation: MRS (pH 7.5–8.0, 6.5%NaCl), 30°C

***Thalassospira profundimaris***

InaCC Number: InaCC **B1070**  
 History: InaCC B1070 ← LIPI (Arif Nurkanto, LIPI13-2-Ac032) ← NBRC (Moriyuki Hamada), PS-8-2  
 Source of sample: Rhizosphere sediment  
 Locality: Pari Island, Seribu Islands, Indonesia  
 Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Thalassospira profundimaris***

InaCC Number: InaCC **B1099**  
 History: InaCC B1099 ← LIPI (Arif Nurkanto, LIPI14-2-Ac070) ← NBRC (Moriyuki Hamada), BM7-10  
 Source of sample: Mangrove mud  
 Locality: Tahura, Denpasar, Indonesia  
 Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

***Thalassospira tepidiphila***InaCC Number: InaCC **B1084**

History: InaCC B1084 ← LIPI (Arif Nurkanto, LIPI13-2-Ac152) ← NBRC (Moriyuki Hamada), RS-8-7

Source of sample: Sea sediment

Locality: Rambut Island, Seribu Islands, Indonesia

Cultivation: NBRC Medium 802 + 2% NaCl, 28°C

Cultivation: NBRC 804, 25°C

***Themomonas haemolytica***InaCC Number: InaCC **B824**

History: InaCC B824 ← LIPI (I Made Sudiana) &amp; University of Tokyo (Shigeto Otsuka) LIPI14-3-B149 ← University of Tokyo (Ayaka Hosoda and Shigeto Otsuka) T1-40

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 1/10 R2A, 25°C

***Vagococcus* sp.**InaCC Number: InaCC **B573**

History: InaCC B573 ← LIPI (Rohmatussolihat, LIPI12-2-LAB057) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 15T06-1

Source of sample: Presto Bandeng

Locality: Beringharjo, Yogyakarta,

Cultivation: TSYE, 30°C

***Vibrio plantisponsor***InaCC Number: InaCC **B1335**

History: InaCC B1335 ← LIPI (Ruby Setiawan), KR27\_3.3

Source of sample: Mangrove sediment

Locality: Ketam Beach, Pongkar Village, Riau Islands

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Thermomonas brevis***InaCC Number: InaCC **B964**

History: InaCC B964 ← A. Hosoda and S. Otsuka T1-24

Source of sample: Paddy field soil

Locality: Tangerang, Indonesia

Cultivation: 25°C

***Vibrio* sp.**InaCC Number: InaCC **B1520**

History: InaCC B1520 ← LIPI (R.Setiawan), SAPL3.3.6

Source of sample: Sea Water

Locality: Alafan, Simeulue, Aceh

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Tianweitanian sediminis***InaCC Number: InaCC **B1511**

History: InaCC B1511 ← LIPI (R.Setiawan), SALT1.0.8

Source of sample: Water

Locality: Laut Tawar Village, Simeuleu Barat, Aceh

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Vibrio* sp.**InaCC Number: InaCC **B1526**

History: InaCC B1526 ← LIPI (R.Setiawan), TYSSd-1.J.3.19

Source of sample: Sea water sediment

Locality: Saumlaki

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Tolumonas* sp.**InaCC Number: InaCC **B831**

History: InaCC B831 ← LIPI (I.M. Sudiana) &amp; NBRC (Y. Muramatsu). JSAT12-3-B100 ← NBRC (Y. Muramatsu) &amp; LIPI (I.M. Sudiana), 31Na

Source of sample: Soil

Locality: Bangkirai Hill (rain forest), Balikpapan, Indonesia

***Vibrio* sp.**InaCC Number: InaCC **B1527**

History: InaCC B1527 ← LIPI (R.Setiawan), TYSSd-1.J.3.17.2

Source of sample: Sea water sediment

Locality: Saumlaki

Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Vogesella* sp.**

InaCC Number: InaCC **B914**

History: InaCC B914 ← K.Mogi & I.M. Sudiana, inp-60y

Source of sample: Paddy field soil

Locality: Bogor, Indonesia

Cultivation: 25°C

***Vogesella* sp.**

InaCC Number: InaCC **B968**

History: InaCC B968 ← A. Hosoda and S. Otsuka II-37

Source of sample: Paddy field soil

Locality: Indramayu, Indonesia

Cultivation: 25°C

***Vogesella* sp.**

InaCC Number: InaCC **B966**

History: InaCC B966 ← A. Hosoda and S. Otsuka II-44

Source of sample: Paddy field soil

Locality: Indramayu, Indonesia

Cultivation: 25°C

***Vogesella* sp.**

InaCC Number: InaCC **B967**

History: InaCC B967 ← A. Hosoda and S. Otsuka RB-46

Source of sample: Paddy field soil

Locality: Rambut Siwi, Indonesia

Cultivation: 25°C

***Vogesella* sp.**

InaCC Number: InaCC **B965**

History: InaCC B965 ← A. Hosoda and S. Otsuka SB-41

Source of sample: Paddy field soil

Locality: Surabaya, Indonesia

Cultivation: 25°C

***Vogesella* sp.**

InaCC Number: InaCC **B969**

History: InaCC B969 ← A. Hosoda and S. Otsuka RB-45

Source of sample: Paddy field soil

Locality: Rambut Siwi, Indonesia

Cultivation: 25°C

***Weissella confusa***

InaCC Number: InaCC **B1240**

History: LIPI (Heddy Julistiono), H14.2

Source of sample: *Capparis* sp.

Locality: Bamus Wama, Bamus Wama District, Tambrauw Regency

Cultivation: MRS, pH 7, 37°C

***Weissella oryzae***

InaCC Number: InaCC **B1239**

History: InaCC B1239 ← LIPI (Heddy Julistiono), H13.2

Source of sample: Cordyline

Locality: Bamus Wama, Bamus Wama District, Tambrauw Regency

Cultivation: MRS, pH 7, 37°C

***Weissella* sp.**

InaCC Number: InaCC **B583**

History: InaCC B583 ← LIPI (Rohmatussolihat, LIPI12-2-LAB076) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 19M06-3

Source of sample: Mashed (grined) soy bean

Locality: Bambang's Tofu factory, Prambanan, Yogyakarta

Cultivation: MRS, 30°C

***Weissella* sp.**

InaCC Number: InaCC **B762**

History: InaCC B762 ← LIPI (Rohmatussolihat, LIPI13-2-LAB223) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 96T06-7

Source of sample: Tapai (cassava tapai)

Locality: Padang, West Sumatra

Cultivation: TSYE, 30°C

**Weissella sp.**InaCC Number: InaCC **B561**

History: InaCC B561 ← LIPI (Rohmatussolihat, LIPI12-2-LAB034) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 11T06-1

Source of sample: Cassava tapai

Locality: Sleman, Yogyakarta

Cultivation: MRS, 30°C

**Weissella sp.**InaCC Number: InaCC **B596**

History: InaCC B596 ← LIPI (Rohmatussolihat, LIPI12-2-LAB095) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 26T06-2

Source of sample: Black oncom

Locality: Pasar Anyar, Bogor, West Java

Cultivation: MRS, 30°C

**Weissella sp.**InaCC Number: InaCC **B712**

History: InaCC B712 ← LIPI (Rohmatussolihat, LIPI13-2-LAB126) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 78T06-6

Source of sample: Tapai (cassava tapai)

Locality: Bukittinggi, West Sumatra

Cultivation: TSYE, 30°C

**Weissella sp.**InaCC Number: InaCC **B598**

History: InaCC B598 ← LIPI (Rohmatussolihat, LIPI12-2-LAB099) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 27T06-4

Source of sample: Red oncom (fermented okara)

Locality: Pasar Anyar, Bogor, West Java

Cultivation: MRS, 30°C

**Weissella sp.**InaCC Number: InaCC **B576**

History: InaCC B576 ← LIPI (Rohmatussolihat, LIPI12-2-LAB064B) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 16T06-1b

Source of sample: Tempe koro

Locality: Kranggan, Yogyakarta

Cultivation: MRS, 30°C

**Weissella sp.**InaCC Number: InaCC **B620**

History: InaCC B620 ← LIPI (Rohmatussolihat, LIPI12-2-LAB129) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 33M06-3

Source of sample: Tauco

Locality: Pasar Pagi Cirebon, Cirebon, West Java

Cultivation: MRS, 30°C

**Weissella sp.**InaCC Number: InaCC **B562**

History: InaCC B562 ← LIPI (Rohmatussolihat, LIPI12-2-LAB037) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 12M06-1

Source of sample: Pindang bandeng

Locality: Sleman, Yogyakarta

Cultivation: MRS, 30°C

**Weissella sp.**InaCC Number: InaCC **B593**

History: InaCC B593 ← LIPI (Rohmatussolihat, LIPI12-2-LAB091) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 25T06-7

Source of sample: Black oncom (fermented peanut)

Locality: Pasar Anyar, Bogor, West Java

Cultivation: MRS, 30°C

**Weissella sp.**InaCC Number: InaCC **B595**

History: InaCC B595 ← LIPI (Rohmatussolihat, LIPI12-2-LAB093) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 26M06-2

Source of sample: Black oncom

Locality: Pasar Anyar, Bogor, West Java

Cultivation: MRS, 30°C

**Weissella sp.**InaCC Number: InaCC **B597**

History: InaCC B597 ← LIPI (Rohmatussolihat, LIPI12-2-LAB097) ← LIPI (Rohmatussolihat) &amp; NBRC (M. Miyashita), 27M06-2

Source of sample: Red oncom (fermented okara)

Locality: Pasar Anyar, Bogor, West Java

Cultivation: MRS, 30°C

**Weissella sp.**

InaCC Number: InaCC **B638**  
 History: InaCC B638 ← LIPI (Rohmatussolihat, LIPI12-2-LAB164) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 14bT106-1  
 Source of sample: Waru leaves  
 Locality: Muntilan, Magelang, Central Java  
 Cultivation: MRS, 30°C

**Weissella sp.**

InaCC Number: InaCC **B550**  
 History: InaCC B550 ← LIPI (Rohmatussolihat, LIPI12-2-LAB013) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 7M06-1  
 Source of sample: Tempe  
 Locality: Sleman, Yogyakarta  
 Cultivation: MRS, 30°C

**Weissella sp.**

InaCC Number: InaCC **B551**  
 History: InaCC B551 ← LIPI (Rohmatussolihat, LIPI12-2-LAB014) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 7M06-2  
 Source of sample: Tempe  
 Locality: Sleman, Yogyakarta  
 Cultivation: MRS, 30°C

**Weissella sp.**

InaCC Number: InaCC **B552**  
 History: InaCC B552 ← LIPI (Rohmatussolihat, LIPI12-2-LAB015) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 7M06-3  
 Source of sample: Tempe  
 Locality: Sleman, Yogyakarta  
 Cultivation: MRS, 30°C

**Weissella sp.**

InaCC Number: InaCC **B735**  
 History: InaCC B735 ← LIPI (Rohmatussolihat, LIPI13-2-LAB170) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 88M06-2  
 Source of sample: Lamang tapai  
 Locality: Bukittinggi, West Sumatra  
 Cultivation: MRS, 30°C

**Weissella sp.**

InaCC Number: InaCC **B709**  
 History: InaCC B709 ← LIPI (Rohmatussolihat, LIPI13-2-LAB123) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 78M06-3  
 Source of sample: Tapai (cassava tapai)  
 Locality: Bukittinggi, West Sumatra  
 Cultivation: MRS, 30°C

**Weissella sp.**

InaCC Number: InaCC **B731**  
 History: InaCC B731 ← LIPI (Rohmatussolihat, LIPI13-2-LAB160) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 86M06-1  
 Source of sample: Bee house  
 Locality: Bukittinggi, West Sumatra  
 Cultivation: MRS, 30°C

**Weissella sp.**

InaCC Number: InaCC **B675**  
 History: InaCC B675 ← LIPI (Rohmatussolihat, LIPI13-2-LAB062) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 71T06-6  
 Source of sample: Rice tapai (fermented green glutinous rice) water  
 Locality: Solok, West Sumatra  
 Cultivation: TSYE, 30°C

**Weissella sp.**

InaCC Number: InaCC **B577**  
 History: InaCC B577 ← LIPI (Rohmatussolihat, LIPI12-2-LAB066) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 16T06-3  
 Source of sample: Tempe koro  
 Locality: Kranggan, Yogyakarta, Yogyakarta  
 Cultivation: MRS, 30°C

**Weissella sp.**

InaCC Number: InaCC **B559**  
 History: InaCC B559 ← LIPI (Rohmatussolihat, LIPI12-2-LAB032) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 11M106-1  
 Source of sample: Cassava tapai  
 Locality: Sleman, Yogyakarta  
 Cultivation: MRS, 30°C



**Weissella sp.**

InaCC Number: InaCC **B726**

History: InaCC B726 ← LIPI (Rohmatussolihat, LIPI13-2-LAB148) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 82/83M06-4

Source of sample: Tapai (cassava tapai) & tapai water

Locality: Bukittinggi, West Sumatra

Cultivation: MRS, 30°C

**Weissella sp.**

InaCC Number: InaCC **B581**

History: InaCC B581 ← LIPI (Rohmatussolihat, LIPI12-2-LAB074) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 19M06-1

Source of sample: Mashed (grined) soy bean

Locality: Bambang's Tofu factory, Prambanan, Yogyakarta

Cultivation: MRS, 30°C

**Weissella sp.**

InaCC Number: InaCC **B637**

History: InaCC B637 ← LIPI (Rohmatussolihat, LIPI12-2-LAB161) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 14bM06-2

Source of sample: Waru leaves

Locality: Muntilan, Magelang, Central Java

Cultivation: MRS, 30°C

**Weissella sp.**

InaCC Number: InaCC **B636**

History: InaCC B636 ← LIPI (Rohmatussolihat, LIPI12-2-LAB159) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 14aT106-8

Source of sample: Waru leaves

Locality: Muntilan, Magelang, Central Java

Cultivation: MRS, 30°C

**Weissella sp.**

InaCC Number: InaCC **B634**

History: InaCC B634 ← LIPI (Rohmatussolihat, LIPI12-2-LAB155) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 14aT06-3

Source of sample: Waru leaves

Locality: Muntilan, Magelang, Central Java

Cultivation: MRS, 30°C

**Weissella sp.**

InaCC Number: InaCC **B630**

History: InaCC B630 ← LIPI (Rohmatussolihat, LIPI12-2-LAB149) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 8bM06-2

Source of sample: Usar

Locality: Sleman, Yogyakarta

Cultivation: MRS, 30°C

**Weissella sp.**

InaCC Number: InaCC **B579**

History: InaCC B579 ← LIPI (Rohmatussolihat, LIPI12-2-LAB068) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 16T06-5

Source of sample: Tempe koro

Locality: Kranggan, Yogyakarta,

Cultivation: MRS, 30°C

**Weissella sp.**

InaCC Number: InaCC **B624**

History: InaCC B624 ← LIPI (Rohmatussolihat, LIPI12-2-LAB135) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 35M06-1

Source of sample: Fermented glutinous rice (tapai)

Locality: Kuningan, West Java

Cultivation: MRS, 30°C

**Weissella sp.**

InaCC Number: InaCC **B575**

History: InaCC B575 ← LIPI (Rohmatussolihat, LIPI12-2-LAB064A) ← LIPI (Rohmatussolihat) & NBRC (M. Miyashita), 16T06-1a

Source of sample: Tempe koro

Locality: Kranggan, Yogyakarta

Cultivation: MRS, 30°C

**Xanthomonas campestris**

InaCC Number: InaCC **B1449**

History: InaCC B1449 ← LIPI (Masrukhin, TO3.2)

Source of sample: Diseased tomato fruit

Locality: Cibinong, Bogor  
Cultivation: NA, pH 7, 30°C

***Xanthomonas campestris***

InaCC Number: InaCC **B1454**  
History: InaCC B1454 ← LIPI (Masrukhin, TO 6.2)  
Source of sample: Diseased tomato fruit  
Locality: Cibinong, Bogor  
Cultivation: NA, pH 7, 30°C

***Xanthomonas campestris***

InaCC Number: InaCC **B1531**  
History: InaCC B1531 ← LIPI (Masrukhin, SW1.1)  
Source of sample: *Brassica chinensis* leaves  
Locality: Cibinong, Bogor  
Cultivation: NA, pH 7, 25-30°C

***Xanthomonas campestris***

InaCC Number: InaCC **B1532**  
History: InaCC B1532 ← LIPI (Masrukhin, SW1.2)  
Source of sample: *Brassica chinensis* leaves  
Locality: Cibinong, Bogor  
Cultivation: NA, pH 7, 25-30°C

***Xanthomonas campestris***

InaCC Number: InaCC **B1536**  
History: InaCC B1536 ← LIPI (Masrukhin & Resa Rahayu, KK05)  
Source of sample: *Ipomoea aquatica* plantlet  
Locality: Cibinong, Bogor  
Cultivation: NA, pH 7, 25-30°C

***Xanthomonas cynarae***

InaCC Number: InaCC **B1291**  
History: InaCC B1291 ← LIPI (Tri Ratna S.), SMRW1  
Source of sample: Rarawala (*Clerodendrum buchanani*) stem  
Locality: Wanggameti Village, NTT  
Cultivation: NA, pH 7, 30°C

***Xanthomonas oryzae***

InaCC Number: InaCC **B16**  
History: InaCC B16 ← LIPI (Agustinus Joko N) ← ICBG (Kyria et al.), 022B  
Source of sample: Larva gut  
Locality: Protected Forest Mekongga, Tinukari, North Kolaka  
Cultivation: NA/TSA, pH 7, 30°C

***Xanthomonas phaseoli***

InaCC Number: InaCC **B1451**  
History: InaCC B1451 ← LIPI (Masrukhin, TO 6.1)  
Source of sample: Diseased tomato fruit  
Locality: Cibinong, Bogor  
Cultivation: NA, pH 7, 30°C

***Yangia pacifica***

InaCC Number: InaCC **B1510**  
History: InaCC B1510 LIPI (R.Setiawan), KRSd2\_2.2  
Source of sample: Marine sediment  
Locality: Karimun Anak Island, Riau Islands  
Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Zoogloea* sp.**

InaCC Number: InaCC **B920**  
History: InaCC B920 ← K.Mogi & I.M. Sudiana, inp-27b  
Source of sample: Paddy field soil  
Locality: Tangerang, Indonesia  
Cultivation: 25°C

***Zoogloea* sp.**

InaCC Number: InaCC **B971**  
History: InaCC B971 ← A. Hosoda and S. Otsuka I1-27  
Source of sample: Paddy field soil  
Locality: Indramayu, Indonesia  
Cultivation: 25°C

***Zoogloea* sp.**

InaCC Number: InaCC **B972**

History: InaCC B972 ← A. Hosoda and S. Otsuka  
I2-29

Source of sample: Paddy field soil

Locality: Indramayu, Indonesia

Cultivation: 25°C

***Zoogloea* sp.**

InaCC Number: InaCC **B973**

History: InaCC B973 ← A. Hosoda and S. Otsuka  
I2-4

Source of sample: Paddy field soil

Locality: Indramayu, Indonesia

Cultivation: 25°C

***Zoogloea* sp.**

InaCC Number: InaCC **B970**

History: InaCC B970 ← A. Hosoda and S. Otsuka  
I1-4

Source of sample: Paddy field soil

Locality: Indramayu, Indonesia

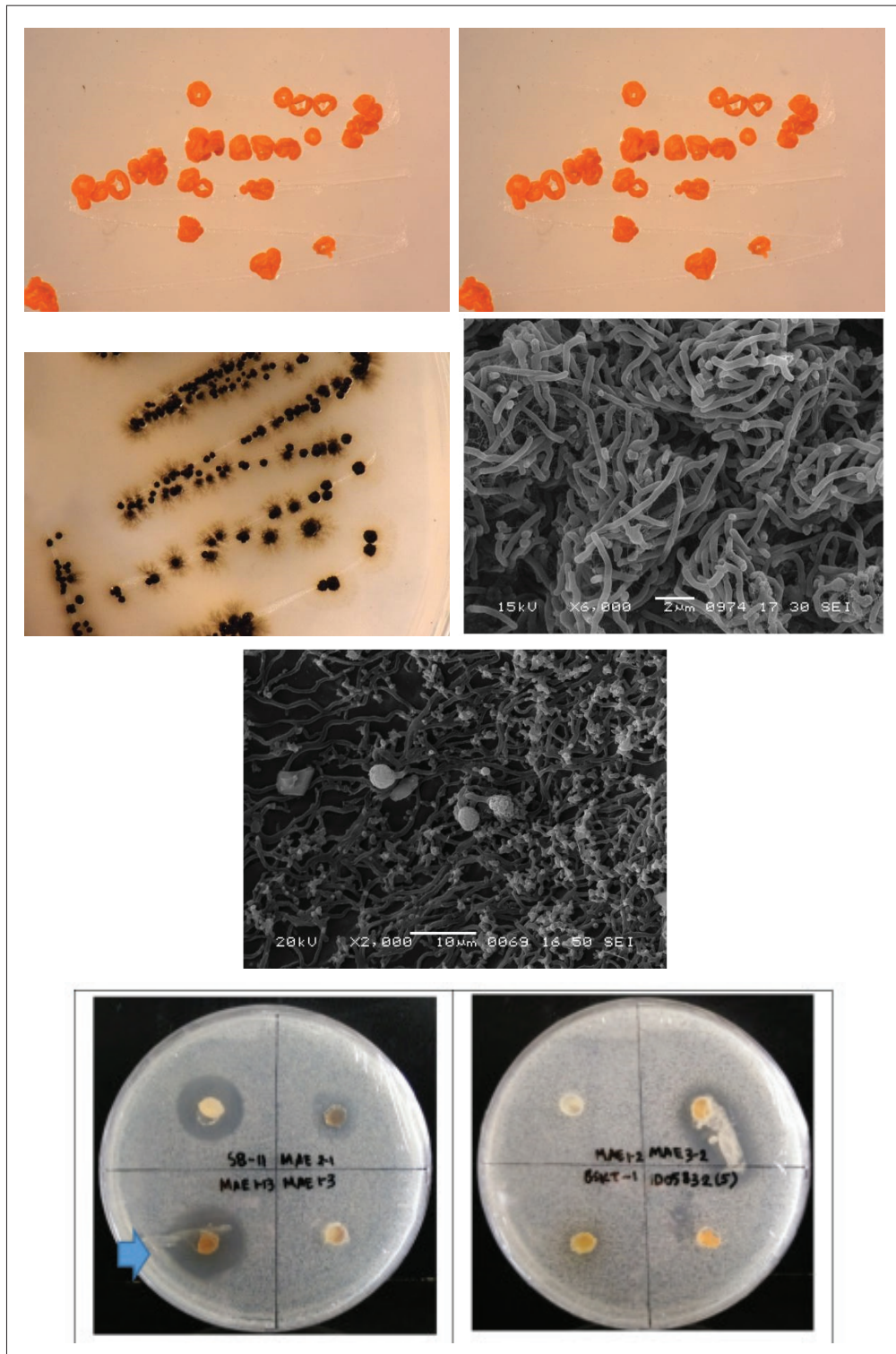
Cultivation: 25°C

## ACTINOMYCETES

Actinomycetes are a group of Gram-positive bacteria that have high G + C content. Taxonomically, actinomycetes belong to the Class of Actinobacteria, Order of Actinomycetales. Actinomycetes have particular characteristic and can be distinguished from other bacteria by means of observation under laboratory conditions; they usually grow as a solid mass with hyphae penetrating into the substrate agar. The majority of actinomycetes have morphology that resembles fungi because of their elongated cells that branch into filamentous (hyphae), and spore forming. In most strains of actinomycetes, the surface of the colony is covered with dry and powdery aerial mycelium.

Actinomycetes could be divided into two groups, namely Streptomyces group and non-Streptomyces group or so-called rare actinomycetes. Streptomyces group comprise the genus *Streptomyces*, *Kitasatospora*, and *Streptacidiphilus*. The non-Streptomyces group comprise the genus *Actinomadura*, *Kutsneria*, *Microbispora*, *Microtetraspora*, *Nonomurae*, *Saccharomonospora*, *Streptosporangium*, *Thermobifida*, *Actinoplanes*, *Actinokineospora*, *Actinosynnema*, *Catenuloplanes*, *Cryptosporangium*, *Dactylosporangium*, and *Geodermatophilus*.

Habitat of actinomycetes are common and ubiquitous in all of nature, and soils are having the greatest population density. Most actinomycetes in soil belong to the genus *Streptomyces* and they usually play a significant role as a decomposer and bioactive compound producer in soil. Many actinomycetes are commercially important such as producing antibiotics and other bioactive secondary metabolites. Actinomycetes produce more than 70% of the antibiotic, which have been found to be produced by the *Streptomyces* species.



Note:

(A) and (B) are InaCC actinomycetes collection

(C) *Tropicihabitans flavus* InaCC A516<sup>T</sup> viewed under scanning electron microscope

(D) *Actinoplanes bogoriensis* InaCC A522<sup>T</sup> viewed under scanning electron microscope

(E) Antibacterial activity of Actinomycetes isolates

Source: (A), (B) Actinomycetes Laboratory, InaCC (2018); (C) Hamada et al. (2015); (D) Nurkanto et al. (2016); (E) Ratnakomala (2016)

**Figure 1.5** Diversity of Actinobacteria Collected in InaCC

## LIST OF ACTINOMYCETES

### *Actinokineospora baliensis*

InaCC Number: InaCC **A1117**  
 History: Shanti R (InaCC A1117) ← Shanti R (ID03-0528)  
 Source of sample: Soil under *Pinanga coronata* (palm), Eka Karya Botanical Garden, Bali  
 Locality: Eka Karya Botanical Garden, Bali  
 Cultivation: YSA, pH 7.3, 30°C

### *Achromobacter piechaudii*

InaCC Number: InaCC **A467**  
 History: LIPI (Shanti, LIPI11-2-Ac014) ← LIPI (Shanti & Puspita Lisdiyanti, CS15 RC-01)  
 Source of sample: Soil near the unknown tree  
 Locality: Cibodas Botanical Garden, Cipanas, West Java  
 Cultivation: YSA

### *Achromobacter spanius*

InaCC Number: InaCC **A545**  
 History: LIPI (Shanti, LIPI11-2-Ac132) ← LIPI (Shanti & Puspita Lisdiyanti, TTA02 SDS-17)  
 Source of sample: Soil  
 Locality: Savana Mount Tambora, Dompus Bima West Nusa Tenggara  
 Cultivation: YSA

### *Actinomadura miaoliensis*

InaCC Number: InaCC **A565**

History: LIPI (Shanti, LIPI11-2-Ac153) ← LIPI (Shanti & Puspita Lisdiyanti, TTA 02 SDST-11)  
 Source of sample: Soil  
 Locality: Savana Mt. Tambora, Dompus Bima, West Nusa Tenggara  
 Cultivation: YSA

### *Actinomadura oligospora*

InaCC Number: InaCC **A950**  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 4(20))  
 Source of sample: Rhizosphere soil of *Santalum album*  
 Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara  
 Cultivation: YSA, pH 7.3, 30°C

### *Actinomadura oligospora*

InaCC Number: InaCC **A1016**  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SBSSD 8(4))  
 Source of sample: Fresh water sediment  
 Locality: Sarambung, Kondokbakaru Village, Mamasa  
 Cultivation: YSA, pH 7.3, 30°C

### *Actinoplanes abujensis*

InaCC Number: InaCC **A940**  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 4(21))  
 Source of sample: Rhizosphere soil of *Santalum album*

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Actinoplanes atraurantiacus***

InaCC Number: InaCC A971

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 5(1))

Source of sample: Rhizosphere soil of *Santalum album*

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Actinoplanes bogorienses***

InaCC Number: InaCC A522

History: LIPI (Arif Nurkanto & Moriyuki Hamada, LIPI11-2-Ac043) ← LIPI (Shanti & Puspita Lisdiyanti, Cli04 RC-2)

Source of sample: Litter *Macropanaxdis pectum*

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YSA

***Actinoplanes brasiliensis***

InaCC Number: InaCC A952

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 6(1))

Source of sample: Rhizosphere soil of Rarawala

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Actinoplanes cibodasensis***

InaCC Number: InaCC A951

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 5(7))

Source of sample: Rhizosphere soil of *Santalum album*

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Actinoplanes cyaneus***

InaCC Number: InaCC A1136

History: Shanti R (InaCC A1136) ← Shanti R (ID03-0548)

Source of sample: Soil under *Pinanga coronata* (palm), Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Actinoplanes ferrugineus***

InaCC Number: InaCC A143

History: LIPI (Arif Nurkanto, NBRC 15555 (T))

Source of sample: Red soil

Locality: Mt. Dorriigo

Cultivation: YSA

***Actinoplanes ferrugineus***

InaCC Number: InaCC A975

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SBS 1(3))

Source of sample: Soil

Locality: Mamasa, West Sulawesi

Cultivation: YSA, pH 7.3, 30°C

***Actinoplanes ferrugineus***

InaCC Number: InaCC A947

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 1(11))

Source of sample: Rhizosphere soil of *Podocarpus rhumpii*

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Actinoplanes nipponensis***

InaCC Number: InaCC A899

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA236)

Source of sample: Soil around Rosaceae (secondary forest)

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia

Cultivation: YSA, pH 7.2, 30°C

***Actinoplanes penicillatus***

InaCC Number: InaCC A1132

History: Shanti R (InaCC A1132) ← Shanti R (ID03-0544)

Source of sample: Soil under *Pinanga coronata* (palm), Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Actinoplanes philippinensis***

InaCC Number: InaCC A986

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, PS 3(1))

Source of sample: Soil

Locality: Kebar District, Tambrauw Regency, West Papua

Cultivation: YSA, pH 7.3, 30°C

***Actinoplanes purpeobrunneus***

InaCC Number: InaCC A46

History: LIPI (Arif Nurkanto, W27-3)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Actinoplanes rectilineatus***

InaCC Number: InaCC A933

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 4(15))

Source of sample: Rhizosphere soil of *Podocarpus imbricatus*

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Actinoplanes rectilineatus***

InaCC Number: InaCC A973

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 4(17))

Source of sample: Rhizosphere soil of *Santalum album*

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Actinoplanes regularis***

InaCC Number: InaCC A935

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 4(1))

Source of sample: Rhizosphere soil of *Santalum album*

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Actinoplanes regularis***

InaCC Number: InaCC A936

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 4(10))

Source of sample: Rhizosphere soil of *Santalum album*

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Actinoplanes regularis***

InaCC Number: InaCC A1118

History: Shanti R (InaCC A1118)← Shanti R (ID03-0529)

Source of sample: Soil under *Manglietia glauca*, Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Actinoplanes rutilo***

InaCC Number: InaCC A103

History: LIPI (Arif Nurkanto, LIPIMC 0169)

Source of sample: Soil

Locality: East Java

Cultivation: YSA

***Actinoplanes sp. nov.***

InaCC Number: InaCC A459

History: LIPI (Arif Nurkanto, LIPI11-2-Ac034)

Source of sample: Leaf litter of *Macropanaxdis pectum*

Locality: West Java

Cultivation: ISP 5

***Actinoplanes sp. nov.***

InaCC Number: InaCC A458



History: LIPI (Arif Nurkanto, LIPI11-2-Ac042)  
 Source of sample: Leaf litter of *Macropanaxdis pectum*  
 Locality: West Java  
 Cultivation: ISP 5

***Actinoplanes* sp.**

InaCC Number: InaCC A1135  
 History: Shanti R (InaCC A1135) ← Shanti R (ID03-0547)  
 Source of sample: Soil under *Manglietia glauca*, Eka Karya Botanical Garden, Bali  
 Locality: Eka Karya Botanical Garden, Bali  
 Cultivation: YSA, pH 7.3, 30°C

***Actinoplanes subglobosus***

InaCC Number: InaCC A95  
 History: LIPI (Arif Nurkanto, A-0132)  
 Source of sample: Soil  
 Locality: East Java  
 Cultivation: YSA

***Amycolatopsis coloradensis***

InaCC Number: InaCC A112  
 History: LIPI (Arif Nurkanto, RC G2-9)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Amycolatopsis japonica***

InaCC Number: InaCC A119  
 History: LIPI (Arif Nurkanto, RC W26-8)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Amycolatopsis saalfeldensis***

InaCC Number: InaCC A588  
 History: LIPI (Shanti, LIPI11-2-Ac180) ← LIPI (Arif Nurkanto, Cwer03 E-2)  
 Source of sample: Leaf *Chinchona ledgeniana* Brazil  
 Locality: Chincona plantation, Bandung, West Java

Cultivation: YSA

***Amycolatopsis* sp.**

InaCC Number: InaCC A1126  
 History: Shanti R (InaCC A1126) ← Shanti R (ID03-0537)  
 Source of sample: Soil under fallen leaves of *Dacrycarpus imbricatus*, Eka Karya Botanical Garden, Bali  
 Locality: Eka Karya Botanical Garden, Bali  
 Cultivation: YSA, pH 7.3, 30°C

***Asanoa ferruginea***

InaCC Number: InaCC A994  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SBSS 7(1))  
 Source of sample: Soil  
 Locality: Sarambung, Kondokbakaru Village, Mamasa  
 Cultivation: YSA, pH 7.3, 30°C

***Asanoa ferruginea***

InaCC Number: InaCC A1038  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SBS 7(1))  
 Source of sample: Soil  
 Locality: Sarambung, Kondokbakaru Village, Mamasa  
 Cultivation: YSA, pH 7.3, 30°C

***Asanoa iriomotensis***

InaCC Number: InaCC A1033  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SBS 5(13))  
 Source of sample: Soil  
 Locality: Sarambung, Kondokbakaru Village, Mamasa  
 Cultivation: YSA, pH 7.3, 30°C

***Asanoa ishikariensis***

InaCC Number: InaCC A996  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SBSS 7(8))  
 Source of sample: Soil  
 Locality: Sarambung, Kondokbakaru Village, Mamasa

Cultivation: YSA, pH 7.3, 30°C

***Asanoa ishikariensis***

InaCC Number: InaCC A1043

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, SBS 7(8))

Source of sample: Soil

Locality: Sarambung, Kondokbakaru Village,  
Mamasa

Cultivation: YSA, pH 7.3, 30°C

***Brachybacterium sacelli***

InaCC Number: InaCC A963

History: Research Center for Biology (RCB)  
LIPI (Ruby Setiawan, TgpC4)

Source of sample: *Trigonopterus* sp.

Locality: Lorulun Village, Yamdena Island,  
Tanimbar Islands

Cultivation: R2A, pH 7, 27–30°C

***Brevibacterium* sp.**

InaCC Number: InaCC A962

History: Research Center for Biology (RCB)  
LIPI (Ruby Setiawan, TgpB2)

Source of sample: *Trigonopterus* sp.

Locality: Lorulun Village, Yamdena Island,  
Tanimbar Islands

Cultivation: R2A, pH 7, 27–30°C

***Catellatospora chokoriensis***

InaCC Number: InaCC A990

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, SASS 3(14))

Source of sample: Karst

Locality: Air Pinang Village, East Simeulue

Cultivation: YSA, pH 7.3, 30°C

***Catellatospora citrea***

InaCC Number: InaCC A1017

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, SASS 3(10))

Source of sample: Karst

Locality: Air Pinang Village, East Simeulue

Cultivation: YSA, pH 7.3, 30°C

***Catellatospora coxensis***

InaCC Number: InaCC A976

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, SBS 1(8))

Source of sample: Soil

Locality: Mamasa, West Sulawesi

Cultivation: YSA, pH 7.3, 30°C

***Catenulispora rubra***

InaCC Number: InaCC A1028

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, SASS 5(7))

Source of sample: Karst

Locality: Air Pinang Village, East Simeulue

Cultivation: YSA, pH 7.3, 30°C

***Cellulosimicrobium cellulans***

InaCC Number: InaCC A961

History: Research Center for Biology (RCB)  
LIPI (Ruby Setiawan, TgpA3)

Source of sample: *Imathia* sp.

Locality: Lorulun Village, Yamdena Island,  
Tanimbar Islands

Cultivation: R2A, pH 7, 27–30°C

***Couchioplanes caeruleus***

InaCC Number: InaCC A919

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, EgA314)

Source of sample: Soil under *Gnetum gnemon*  
plantation

Locality: Enggano Island, North Beng-  
kulu Regency, Bengkulu, Indonesia (5°23'21" S,  
102°24'40" E).

Cultivation: YSA, pH 7.2, 30°C

***Cryptosporangium arvum***

InaCC Number: InaCC A139

History: LIPI (Arif Nurkanto, NBRC 15965 (T))

Source of sample: Soil from a vegetable field

Locality: Yamanashi

Cultivation: YSA

***Cryptosporangium japonicum***

InaCC Number: InaCC A140

History: LIPI (Arif Nurkanto, NBRC 15966 (T))  
 Source of sample: Soil from a sugar cane field  
 Locality: Okinawa  
 Cultivation: YSA

***Cryptosporangium* sp. nov**

InaCC Number: InaCC A457  
 History: LIPI (Arif Nurkanto, LIPI11-2-Ac046)  
 Source of sample: Leaf litter of *Macropanaxdis pectum*  
 Locality: West Java  
 Cultivation: ISP 5

***Curtobacterium luteum***

InaCC Number: InaCC A1089  
 History: InaCC ← LIPI (Masrukhin & Resa Rahayu, KK03.1)  
 Source of sample: *Ipomoea aquatica* plantlet  
 Locality: Cibinong, West Java  
 Cultivation: NA/ YDC, pH 7, 25-30°C

***Curtobacterium luteum***

InaCC Number: InaCC A1091  
 History: InaCC ← LIPI (Masrukhin & Resa Rahayu, KK08)  
 Source of sample: *Ipomoea aquatica* plantlet  
 Locality: Cibinong, West Java  
 Cultivation: NA/YDC, pH 7, 25-30°C

***Curtobacterium luteum***

InaCC Number: InaCC A1092  
 History: InaCC ← LIPI (Masrukhin & Resa Rahayu, KK03.1)  
 Source of sample: *Ipomoea aquatica* plantlet  
 Locality: Cibinong, West Java  
 Cultivation: NA/ YDC, pH 7, 25-30°C

***Curtobacterium luteum***

InaCC Number: InaCC A1093  
 History: InaCC ← LIPI (Masrukhin & Resa Rahayu, KK13.2)  
 Source of sample: *Ipomoea aquatica* plantlet  
 Locality: Cibinong, West Java  
 Cultivation: NA/ YDC, pH 7, 25-30°C

***Curtobacterium oceanosedimentum***

InaCC Number: InaCC A1090  
 History: InaCC ← LIPI (Masrukhin & Resa Rahayu, KK04)  
 Source of sample: *Ipomoea aquatica* plantlet  
 Locality: Cibinong, West Java  
 Cultivation: NA/ YDC, pH 7, 25-30°C

***Dactylosporangium darangshiense***

InaCC Number: InaCC A948  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 3(10))  
 Source of sample: Rhizosphere soil of *Podocarpus imricatus*  
 Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara  
 Cultivation: YSA, pH 7.3, 30°C

***Dactylosporangium darangshiense***

InaCC Number: InaCC A955  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 7(1))  
 Source of sample: Rhizosphere soil of *Aquilaria* sp.  
 Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara  
 Cultivation: YSA, pH 7.3, 30°C

***Dactylosporangium darangshiense***

InaCC Number: InaCC A1031  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SASG 5(2))  
 Source of sample: Karst  
 Locality: Air Pinang Village, East Simeulue  
 Cultivation: YSA, pH 7.3, 30°C

***Dactylosporangium luteum***

InaCC Number: InaCC A938  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 4(18))  
 Source of sample: Rhizosphere soil of *Santalum album*  
 Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara  
 Cultivation: YSA, pH 7.3, 30°C

***Dactylosporangium matsuzakiense***

InaCC Number: InaCC A481

History: LIPI (Shanti, LIPI11-2-Ac045) ← LIPI (Shanti &amp; Puspita Lisdiyanti, Cli04 RC-17)

Source of sample: Litter of *Macropanaxdis pectum*

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YSA

***Dactylosporangium matsuzakiense***

InaCC Number: InaCC A953

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 6(9))

Source of sample: Rhizosphere soil of Rarawala

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Dactylosporangium solaniradicis***

InaCC Number: InaCC A1026

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SASS 5(4))

Source of sample: Karst

Locality: Air Pinang Village, East Simeulue

Cultivation: YSA, pH 7.3, 30°C

***Dactylosporangium sucinum***

InaCC Number: InaCC A1030

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SASG 5(1))

Source of sample: Karst

Locality: Air Pinang Village, East Simeulue

Cultivation: YSA, pH 7.3, 30°C

***Dactylosporangium tropicum***

InaCC Number: InaCC A1024

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SASS 5(2))

Source of sample: Karst

Locality: Air Pinang Village, East Simeulue

Cultivation: YSA, pH 7.3, 30°C

***Dactylosporangium tropicum***

InaCC Number: InaCC A1039

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SBS 7(11))

Source of sample: Soil

Locality: Sarambung, Kondokbakaru Village, Mamasa

Cultivation: YSA, pH 7.3, 30°C

***Gandjariella thermophila***

InaCC Number: InaCC A981

History: InaCC ← Wellyzar Sjamsuridzal (SL3-2-4<sup>T</sup>)Other CC: UICC B-83<sup>T</sup>, NRRL B-65478<sup>T</sup>

Source of sample: Forest soil (under the bamboo tree)

Locality: Geothermal area of Cisolok, Cisolok River, Sukabumi, West Java, Indonesia

Cultivation: Bennett's agar + 2% gellan gum; ISP3 agar + 2% gellan gum

***Gordonia hongkongensis***

InaCC Number: InaCC A1070

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18BR 2(1))

Source of sample: Moss on the surface of decay stone of Borobudur Temple

Locality: Magelang Regency, Central Java

Cultivation: YSA, pH 7.3, 30°C

***Hamadaea flava***

InaCC Number: InaCC A932

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 3(3))

Source of sample: Rhizosphere soil of *Podocarpus imbricatus*

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Herbiconiux sp.***

InaCC Number: InaCC A862

History: LIPI & Tokyo University of Agriculture (Yantyati Widyastuti & \*Tomohiro Irisawa, LIPI12-4-Ca375)

Source of sample: Cattle rumen

Locality: Indonesia

Cultivation: Nutrient agar, Trypticase say brith agar, pH 6, 30–37°C

***Janibacter anophelis***

InaCC Number: InaCC **A1094**

History: InaCC ← LIPI (Masrukhin, LB 01)

Source of sample: Diseased chayote (*Sechium edule*)

Locality: Cibinong, West Java

Cultivation: NA/ TSA, pH 7, 25–30°C

***Kitasatospora aburaviensis***

InaCC Number: InaCC **A1011**

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SBSSD 5(1))

Source of sample: Fresh water sediment

Locality: Sarambung, Kondokbakaru Village, Mamasa

Cultivation: YSA, pH 7.3, 30°C

***Kitasatospora arboriphila***

InaCC Number: InaCC **A154**

History: LIPI (Arif Nurkanto, DHKSS1.4)

Source of sample: Soil

Locality: South Kalimantan

Cultivation: YSA

***Kitasatospora arboriphila***

InaCC Number: InaCC **A943**

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 2(3))

Source of sample: Rhizosphere soil of *Engelhardtia spicata*

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Kitasatospora atroaurantiaca***

InaCC Number: InaCC **A529**

History: LIPI (Shanti, LIPI11-2-Ac116) ← LIPI (Shanti & Puspita Lisdiyanti, TTA01 SDS-11)

Source of sample: Soil around *Spondias dulcis* tree (kedondong)

Locality: Savana Mt. Tambora, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Kitasatospora griseola***

InaCC Number: InaCC **A897**

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA85)

Source of sample: Soil around *Terminalia catappa* (secondary forest)

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia (5°23'21" S, 102°24'40" E).

Cultivation: YSA, pH 7.2, 30°C

***Kitasatospora kifunensis***

InaCC Number: InaCC **A979**

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SBS 5(6))

Source of sample: Soil

Locality: Mamasa, West Sulawesi

Cultivation: YSA, pH 7.3, 30°C

***Kitasatospora kifunensis***

InaCC Number: InaCC **A997**

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SBSS 9(2))

Source of sample: Fresh water sediment

Locality: Sarambung, Kondokbakaru Village, Mamasa

Cultivation: YSA, pH 7.3, 30°C

***Kitasatospora kifunensis***

InaCC Number: InaCC **A1084**

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18TE 3(1))

Source of sample: Rhizosphere soil of simartolu plant

Locality: Lake Toba, North Sumatera

Cultivation: YSA, pH 7.3, 30°C

***Kitasatospora psammotica***

InaCC Number: InaCC A122  
 History: LIPI (Arif Nurkanto, W25-4)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Kitasatospora psammotica***

InaCC Number: InaCC A158  
 History: LIPI (Arif Nurkanto, DHT1-2)  
 Source of sample: Soil  
 Locality: South Kalimantan  
 Cultivation: YSA

***Kitasatospora psammotica***

InaCC Number: InaCC A159  
 History: LIPI (Arif Nurkanto, DHT1-4)  
 Source of sample: Soil  
 Locality: South Kalimantan  
 Cultivation: YSA

***Kitasatospora psammotica***

InaCC Number: InaCC A1036  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, CN 50(1))  
 Source of sample: Rhizosphere soil of *Shorgum bicolor*  
 Locality: Ecopark, Cibinong Science Center,  
 Cibinong, West Java  
 Cultivation: YSA, pH 7.3, 30°C

***Kitasatospora purpeofusca***

InaCC Number: InaCC A1001  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, SBSSD 1(3))  
 Source of sample: Fresh water sediment  
 Locality: Sarambung, Kondokbakaru Village,  
 Mamasa  
 Cultivation: YSA, pH 7.3, 30°C

***Kitasatospora purpeofusca***

InaCC Number: InaCC A1051

History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, A18MRS 5(20))

Source of sample: Rhizospher soil of *Trema orientalis*

Locality: Mt. Merapi National Park, Resort  
 Pakem Turi

Cultivation: YSA, pH 7.3, 30°C

***Kitasatospora purpeofusca***

InaCC Number: InaCC A1134

History: Shanti R (InaCC A1134) ← Shanti R  
 (ID03-0546)

Source of sample: Soil under *Manglietia glauca*,  
 Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Kitasatospora putterlickiae***

InaCC Number: InaCC A503

History: LIPI (Shanti, LIPI11-2-Ac084) ← LIPI  
 (Shanti & Puspita Lisdiyanti, TSA02 SDS-02)

Source of sample: Soil of ndaru tree

Locality: Satonda Island, Dompu Bima, West  
 Nusa Tenggara

Cultivation: YSA

***Kitasatospora terrestris***

InaCC Number: InaCC A1121

History: Shanti R (InaCC A1121) ← Shanti R  
 (ID03-0532)

Source of sample: Soil under *Altingia excelsa*,  
 Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Kitasatospora xanthocidica***

InaCC Number: InaCC A150

History: LIPI (Arif Nurkanto, DHT1.1)

Source of sample: Soil

Locality: South Kalimantan

Cultivation: YSA

***Kitasatospora xanthocidica***

InaCC Number: InaCC **A1085**  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, A18TE 2(8))  
 Source of sample: Rhizosphere soil of haumbang  
 plant  
 Locality: Lake Toba, North Sumatera  
 Cultivation: YSA, pH 7.3, 30°C

***Kitasatosporia azatica***

InaCC Number: InaCC **A896**  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, EgA30)  
 Source of sample: Soil around *Terminalia*  
*catappa* (secondary forest)  
 Locality: Enggano Island, North Bengkulu  
 Regency, Bengkulu, Indonesia (5°23'21" S,  
 102°24'40" E).  
 Cultivation: YSA, pH 7.2, 30°C

***Kitasatosporia paracochleata***

InaCC Number: InaCC **A913**  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, EgA15)  
 Source of sample: Soil around *Terminalia*  
*catappa* (secondary forest)  
 Locality: Enggano Island, North Bengkulu  
 Regency, Bengkulu, Indonesia (5°23'21" S,  
 102°24'40" E).  
 Cultivation: YSA, pH 7.2, 30°C

***Kocuria polaris***

InaCC Number: InaCC **A1056**  
 History: Research Center for Biology (RCB)  
 LIPI (Ruby Setiawan, KR19\_2.6)  
 Source of sample: Marine sediment  
 Locality: Ketam Beach, Pongkar Village, Riau  
 Islands  
 Cultivation: Zobell Marine Agar/Marine Agar  
 2219, pH 7, 30°C

***Kocuria* sp.**

InaCC Number: InaCC **A860**  
 History: LIPI & Tokyo University of Agriculture  
 (Yantyati Widyastuti & \*Tomohiro Irisawa,  
 LIPI12-4-Ca392)  
 Source of sample: Cattle rumen

Locality: Indonesia  
 Cultivation: Nutrient Agar, Trypticase say brith  
 agar, pH 6, 30-37°C

***Kocuria* sp.**

InaCC Number: InaCC **A859**  
 History: LIPI & Tokyo University of Agriculture  
 (Yantyati Widyastuti & \*Tomohiro Irisawa,  
 LIPI12-4-Ca344)  
 Source of sample: Cattle rumen  
 Locality: Indonesia  
 Cultivation: Nutrient Agar, Trypticase say brith  
 agar, pH 6, 30-37°C

***Kocuria* sp.**

InaCC Number: InaCC **A863**  
 History: LIPI & Tokyo University of Agriculture  
 (Yantyati Widyastuti & \*Tomohiro Irisawa,  
 LIPI12-4-Ca333)  
 Source of sample: Cattle rumen  
 Locality: Indonesia  
 Cultivation: Nutrient Agar, Trypticase say brith  
 agar, pH 6, 30-37°C

***Kocuria* sp.**

InaCC Number: InaCC **A861**  
 History: LIPI & Tokyo University of Agriculture  
 (Yantyati Widyastuti & \*Tomohiro Irisawa,  
 LIPI12-4-Ca395)  
 Source of sample: Cattle rumen  
 Locality: Indonesia  
 Cultivation: Nutrient Agar, Trypticase say brith  
 agar, pH 6, 30-37°C

***Krasilnikovia cinnamomea***

InaCC Number: InaCC **A126**  
 History: LIPI (Arif Nurkanto, LIPIMC 0173)  
 Source of sample: Soil  
 Locality: East Java  
 Cultivation: YSA

***Krasilnikovia cinnamomea***

InaCC Number: InaCC **A967**  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, SMS 4(2))

Source of sample: Rhizosphere soil of *Santalum album*

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Krasilnikovia cinnamomea***

InaCC Number: InaCC A969

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 6(5))

Source of sample: Rhizosphere soil of Rarawala

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Krasilnikovia cinnamomea***

InaCC Number: InaCC A1123

History: Shanti R (InaCC A1123) ← Shanti R (ID03-0534)

Source of sample: Soil under *Altingia excels* and *Syzygium zollingerianum*, Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Krasilnikovia cinnamomea***

InaCC Number: InaCC A1124

History: Shanti R (InaCC A1124) ← Shanti R (ID03-0535)

Source of sample: Soil under *Altingia excels* and *Syzygium zollingerianum*, Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Kribbella pittospori***

InaCC Number: InaCC A946

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 3(15))

Source of sample: Rhizosphere soil of *Podocarpus imbricatus*

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Kribbella pittospori***

InaCC Number: InaCC A930

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 2(5))

Source of sample: Rhizosphere soil of *Engelhardtia spicata*

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Kribbella soli***

InaCC Number: InaCC A108

History: LIPI (Arif Nurkanto, RC W27-3)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Luedemannella flava***

InaCC Number: InaCC A974

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 4(30))

Source of sample: Rhizosphere soil of *Santalum album*

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Methylobacterium aminovorans***

InaCC Number: InaCC A573

History: LIPI (Shanti, LIPI11-2-Ac163) ← LIPI (Shanti & Puspita Lisdiyanti, TKA01 SDS-9)

Source of sample: Soil around cashew tree (*Anacardium occidentale*)

Locality: Kadindi, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Microbacterium aureliae***

InaCC Number: InaCC A1074

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18BR 2(15))

Source of sample: Moss on the surface of decay stone of Borobudur Temple

Locality: Magelang Regency, Central Java

Cultivation: YSA, pH 7.3, 30°C



***Microbacterium ginsengisoli***

InaCC Number: InaCC A1075  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18BR 3(1))  
 Source of sample: Moss on the surface of decay stone of Borobudur Temple  
 Locality: Magelang Regency, Central Java  
 Cultivation: YSA, pH 7.3, 30°C

***Microbacterium paraoxydans***

InaCC Number: InaCC A960  
 History: Research Center for Biology (RCB) LIPI (Ruby Setiawan, TgpA1)  
 Source of sample: *Imathia* sp.  
 Locality: Lorulun Village, Yamdena Island, Tanimbar Islands  
 Cultivation: R2A, pH 7, 27-30°C

***Microbacterium testaceum***

InaCC Number: InaCC A1088  
 History: InaCC ← LIPI (Masrukhin & Resa Rahayu, KK03.1)  
 Source of sample: *Brassica chinensis* leaves  
 Locality: Cibinong, West Java  
 Cultivation: NA/ YDC, pH 7, 30°C

***Microbispora rosea* subsp. *rosea***

InaCC Number: InaCC A466  
 History: LIPI (Shanti, LIPI11-2-Ac013) ← LIPI (Shanti & Puspita Lisdiyanti, CS 14 SDST-1)  
 Source of sample: Under the decayed leaves  
 Locality: Cibodas Botanical Garden, Cipanas, West Java  
 Cultivation: YSA

***Micrococcus aloeverae***

InaCC Number: InaCC A1053  
 History: Research Center for Biology (RCB) LIPI (Ruby Setiawan, KRSd2\_3.4)  
 Source of sample: Marine sediment  
 Locality: Karimun Anak Island, Riau Islands  
 Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Micrococcus aloeverae***

InaCC Number: InaCC A1054  
 History: Research Center for Biology (RCB) LIPI (Ruby Setiawan, KRSd1\_2.6)  
 Source of sample: Rhizosphere of *Rhizosphora apiculata*  
 Locality: Karimun Anak Island, Riau Islands  
 Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Micrococcus aloeverae***

InaCC Number: InaCC A1057  
 History: Research Center for Biology (RCB) LIPI (Ruby Setiawan, KR43\_4.3)  
 Source of sample: Sea Water  
 Locality: Pongkar Village, Karimun District, Riau Islands  
 Cultivation: Zobell Marine Agar/Marine Agar 2216, pH 7, 30°C

***Micromonospora auratinigra***

InaCC Number: InaCC A964  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SASS 3(1))  
 Source of sample: Rhizosphere soil of *Podocarpus rhumpii*  
 Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara  
 Cultivation: YSA, pH 7.3, 30°C

***Micromonospora chaiyaphumensis***

InaCC Number: InaCC A916  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA41)  
 Source of sample: Soil of *Cocos* sp. plantation  
 Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia (5°23'21" S, 102°24'40" E).  
 Cultivation: YSA, pH 7.2, 30°C

***Micromonospora chaiyaphumensis***

InaCC Number: InaCC A918  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA312)  
 Source of sample: Soil of *Cocos* sp. plantation

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia (5°23'21" S, 102°24'40" E).

Cultivation: YSA, pH 7.2, 30°C

***Micromonospora chokoriensis***

InaCC Number: InaCC A464

History: LIPI (Shanti, LIPI11-2-Ac009) ← LIPI (Shanti & Puspita Lisdiyanti, CS11 SDS-02)

Source of sample: Soil of *Auracaria bidwillii* Hook. (Arauc.)

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YSA

***Micromonospora coxensis***

InaCC Number: InaCC A469

History: LIPI (Shanti, LIPI11-2-Ac019) ← LIPI (Shanti & Puspita Lisdiyanti, CLi01 SDS-02)

Source of sample: Litter of *Engelhardtia spicata* esch. exB1 (Jug1)

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YSA

***Micromonospora eburnea***

InaCC Number: InaCC A988

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SASS 3(1))

Source of sample: Karst

Locality: Air Pinang Village, East Simeulue

Cultivation: YSA, pH 7.3, 30°C

***Micromonospora eburnea***

InaCC Number: InaCC A989

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SASS 3(13))

Source of sample: Karst

Locality: Air Pinang Village, East Simeulue

Cultivation: YSA, pH 7.3, 30°C

***Micromonospora halophytica***

InaCC Number: InaCC A1078

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18BR 3(7))

Source of sample: Moss on the surface of decay stone of Borobudur Temple

Locality: Magelang Regency, Central Java

Cultivation: YSA, pH 7.3, 30°C

***Micromonospora maritima***

InaCC Number: InaCC A1063

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18BR 1(1))

Source of sample: Moss on the surface of decay stone of Borobudur Temple

Locality: Magelang Regency, Central Java

Cultivation: YSA, pH 7.3, 30°C

***Micromonospora maritima***

InaCC Number: InaCC A1066

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18BR 1(6))

Source of sample: Moss on the surface of decay stone of Borobudur Temple

Locality: Magelang Regency, Central Java

Cultivation: YSA, pH 7.3, 30°C

***Micromonospora mirobrigensis***

InaCC Number: InaCC A1065

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18BR 1(5))

Source of sample: Moss on the surface of decay stone of Borobudur Temple

Locality: Magelang Regency, Central Java

Cultivation: YSA, pH 7.3, 30°C

***Micromonospora palomenae***

InaCC Number: InaCC A954

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 6(6))

Source of sample: Rhizosphere soil of Rarawala

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Micromonospora schwarzwaldensis***

InaCC Number: InaCC A1018

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SASS 3(2))

Source of sample: Karst  
 Locality: Air Pinang Village, East Simeulue  
 Cultivation: YSA, pH 7.3, 30°C

***Micromonospora soli***

InaCC Number: InaCC **A949**  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, SMS 3(12))  
 Source of sample: Rhizosphere soil of *Podocarpus imbricatus*  
 Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara  
 Cultivation: YSA, pH 7.3, 30°C

***Micromonospora soli***

InaCC Number: InaCC **A1029**  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, SASG 3(4))  
 Source of sample: Karst  
 Locality: Air Pinang Village, East Simeulue  
 Cultivation: YSA, pH 7.3, 30°C

***Micromonospora terminaliae***

InaCC Number: InaCC **A931**  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, SMS 3(2))  
 Source of sample: Rhizosphere soil of *Podocarpus imbricatus*  
 Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara  
 Cultivation: YSA, pH 7.3, 30°C

***Mycobacterium rufum***

InaCC Number: InaCC **A958**  
 History: Research Center for Biology (RCB)  
 LIPI (Ruby Setiawan, SB001)  
 Source of sample: Hot spring water  
 Locality: Mamasa, West Sulawesi  
 Cultivation: R2A, pH 7, 30°C

***Nocardia alba***

InaCC Number: InaCC **A1006**  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, SBSSD 3(11))

Source of sample: Fresh water sediment  
 Locality: Sarambung, Kondokbakaru Village, Mamasa  
 Cultivation: YSA, pH 7.3, 30°C

***Nocardia anaemiae***

InaCC Number: InaCC **A991**  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, SASS 5(12))  
 Source of sample: Karst  
 Locality: Air Pinang Village, East Simeulue  
 Cultivation: YSA, pH 7.3, 30°C

***Nocardia arthritidis***

InaCC Number: InaCC **A586**  
 History: LIPI (Shanti, LIPI11-2-Ac177) ← LIPI (Shanti & Puspita Lisdiyanti, TCA01 SDS-17)  
 Source of sample: Soil around *Hibiscus tiliaceus* tree (waru)  
 Locality: Calabai, Dompu Bima, West Nusa Tenggara  
 Cultivation: YSA

***Nocardia exalbida***

InaCC Number: InaCC **A1037**  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, SBS 5(9))  
 Source of sample: Soil  
 Locality: Sarambung, Kondokbakaru Village, Mamasa  
 Cultivation: YSA, pH 7.3, 30°C

***Nocardia lijiangensis***

InaCC Number: InaCC **A966**  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, SMS 1(10))  
 Source of sample: Rhizosphere soil of *Podocarpus rhumpii*  
 Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara  
 Cultivation: YSA, pH 7.3, 30°C

***Nocardia niigatensis***

InaCC Number: InaCC **A134**  
 History: LIPI (Arif Nurkanto, T.2.4)

Source of sample: Soil  
 Locality: South Kalimantan  
 Cultivation: YSA

***Nocardia niigatensis***

InaCC Number: InaCC A132  
 History: LIPI (Arif Nurkanto, T.2.2)  
 Source of sample: Soil  
 Locality: South Kalimantan  
 Cultivation: YSA

***Nocardia* sp.**

InaCC Number: InaCC A48  
 History: LIPI (Arif Nurkanto, W8-5)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Nocardia* sp.**

InaCC Number: InaCC A1125  
 History: Shanti R (InaCC A1125) ← Shanti R (ID03-0536)  
 Source of sample: Soil under *Diplazium repandum* and *Diplazium esculentum*, Eka Karya Botanical Garden, Bali  
 Locality: Eka Karya Botanical Garden, Bali  
 Cultivation: YSA, pH 7.3, 30°C

***Nocardia xishanensis***

InaCC Number: InaCC A957  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 4(14))  
 Source of sample: Rhizosphere soil of *Santalum album*  
 Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara  
 Cultivation: YSA, pH 7.3, 30°C

***Nocardioides ginkgobilobae***

InaCC Number: InaCC A1055  
 History: Research Center for Biology (RCB) LIPI (Ruby Setiawan, KR19\_2.11)  
 Source of sample: Marine sediment

Locality: Ketam Beach, Pongkar Village, Riau Islands  
 Cultivation: Zobell Marine Agar/Marine Agar 2218, pH 7, 30°C

***Nocardiopsis synnemataformans***

InaCC Number: InaCC A1128  
 History: Shanti R (InaCC A1128) ← Shanti R (ID03-0539)  
 Source of sample: Soil under *Bischofia javanica*, Eka Karya Botanical Garden, Bali  
 Locality: Eka Karya Botanical Garden, Bali  
 Cultivation: YSA, pH 7.3, 30°C

***Nonomuraea bangladeshensis***

InaCC Number: InaCC A44  
 History: LIPI (Arif Nurkanto, W5-4)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Nonomuraea guangzhouensis***

InaCC Number: InaCC A944  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 3(1))  
 Source of sample: Rhizosphere soil of *Podocarpus imricatus*  
 Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara  
 Cultivation: YSA, pH 7.3, 30°C

***Nonomuraea jabiensis***

InaCC Number: InaCC A942  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 1(6))  
 Source of sample: Rhizosphere soil of *Podocarpus rhumpii*  
 Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara  
 Cultivation: YSA, pH 7.3, 30°C

***Nonomuraea kuesteri***

InaCC Number: InaCC A492  
 History: LIPI (Shanti, LIPI11-2-Ac068) ← LIPI (Shanti & Puspita Lisdiyanti, TSA01 SDS-2)

Source of sample: Soil around *Ziziphus mauritiana* tree

Locality: Satonda Island, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Nonomuraea roseola***

InaCC Number: InaCC A915

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA335)

Source of sample: Leaf litter of *Musa* spp. plantation

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia (5°23'21" S, 102°24'40" E).

Cultivation: YSA, pH 7.2, 30°C

***Nonomuraea roseola***

InaCC Number: InaCC A1115

History: Shanti R (InaCC A1115) ← Shanti R (ID03-0525)

Source of sample: Soil under *Cyathea laebrosa*, Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Nonomuraea spiralis***

InaCC Number: InaCC A1022

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SASS 5(13))

Source of sample: Karst

Locality: Air Pinang Village, East Simeulue

Cultivation: YSA, pH 7.3, 30°C

***Nonomuraea turkmeniaca***

InaCC Number: InaCC A934

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 3(7))

Source of sample: Rhizosphere soil of *Podocarpus imricatus*

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Ochrobactrum oryzae***

InaCC Number: InaCC A575

History: LIPI (Shanti, LIPI11-2-Ac166) ← LIPI (Shanti & Puspita Lisdiyanti, TKA 01 SDST-5)

Source of sample: Soil around cashew tree (*Anacardium occidentale*)

Locality: Kadindi, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Planotetraspora silvatica***

InaCC Number: InaCC A1116

History: Shanti R (InaCC A1116) ← Shanti R (ID03-0527)

Source of sample: Soil under *Cyathea laebrosa*, Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Polymorphospora rubra***

InaCC Number: InaCC A127

History: LIPI (Arif Nurkanto, LIPIMC 0174)

Source of sample: Soil

Locality: East Java

Cultivation: YSA

***Promicromonospora sukumoe***

InaCC Number: InaCC A1130

History: Shanti R (InaCC A1130) ← Shanti R (ID03-0541)

Source of sample: Soil under *Manglietia glauca*, Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Pseudonocardia antitumoralis***

InaCC Number: InaCC A116

History: LIPI (Arif Nurkanto, RC W16-8)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Pseudonocardia halophobica***

InaCC Number: InaCC A1127

History: Shanti R (InaCC A1127) ← Shanti R (ID03-0538)

Source of sample: Soil under *Pittosporum* sp., Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Pseudonocardia* sp.**

InaCC Number: InaCC A1131

History: Shanti R (InaCC A1131) ← Shanti R (ID03-0542)

Source of sample: Soil under *Pittosporum* sp., Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Pseudosporangium ferrugineum***

InaCC Number: InaCC A937

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 4(13))

Source of sample: Rhizosphere soil of *Santalum album*

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Pseudosporangium ferrugineum***

InaCC Number: InaCC A900

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA243)

Source of sample: Soil around *Intsia bijuga* (secondary forest)

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia (5°23'21" S, 102°24'40" E).

Cultivation: YSA, pH 7.2, 30°C

***Rhodococcus antrifimi***

InaCC Number: InaCC A1027

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SASS 5(5))

Source of sample: Karst

Locality: Air Pinang Village, East Simeulue

Cultivation: YSA, pH 7.3, 30°C

***Rhodococcus gannanensis***

InaCC Number: InaCC A1020

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SASS 5(10))

Source of sample: Karst

Locality: Air Pinang Village, East Simeulue

Cultivation: YSA, pH 7.3, 30°C

***Rhodococcus maanshanensis***

InaCC Number: InaCC A1010

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SBSSD 3(10))

Source of sample: Fresh water sediment

Locality: Sarambung, Kondokbakaru Village, Mamasa

Cultivation: YSA, pH 7.3, 30°C

***Rhodococcus* sp.**

InaCC Number: InaCC A959

History: Research Center for Biology (RCB) LIPI (Ruby Setiawan, SB020)

Source of sample: Hot spring water

Locality: Mamuju, West Sulawesi

Cultivation: R2A, pH 7, 30°C

***Saccharopolyspora shandongensis***

InaCC Number: InaCC A520

History: LIPI (Shanti, LIPI11-2-Ac108) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TSA04 SDS-20)

Source of sample: Soil

Locality: Satonda Island, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Saccharothrix coeruleofusca***

InaCC Number: InaCC A504

History: LIPI (Shanti, LIPI11-2-Ac085) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TSA02 SDS-10)

Source of sample: Soil of dewandaru tree

Locality: Satonda Island, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Saccharothrix* sp.**

InaCC Number: InaCC A1133

History: Shanti R (InaCC A1133) ← Shanti R (ID03-0545)

Source of sample: Soil under *Manglietia glauca*, Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Serinibacter tropicus***

InaCC Number: InaCC A515

History: LIPI (Arif Nurkanto &amp; Moriyuki Hamada, LIPI13-2-Ac074) ← LIPI (Moriyuki Hamada, JSAT13-2-Ac074, PS-14-7)

Source of sample: Rhizosphere sediment of mangrove

Locality: DKI Jakarta

Cultivation: TSA

***Sphaerisporangium album***

InaCC Number: InaCC A898

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA386)

Source of sample: Soil around *Terminalia catappa* (secondary forest)

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia

Cultivation: YSA, pH 7.2, 30°C

***Streptacidiphilus rugosus***

InaCC Number: InaCC A579

History: LIPI (Shanti, LIPI11-2-Ac170) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TCA01 SDS-18)

Source of sample: Soil around *Hibiscus tiliaceus* tree (waru)

Locality: Calabai, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptacidiphilus rugosus***

InaCC Number: InaCC A992

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SASS 5(14))

Source of sample: Karst

Locality: Air Pinang Village, East Simeulue

Cultivation: YSA, pH 7.3, 30°C

***Streptacidiphilus rugosus***

InaCC Number: InaCC A1023

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SASS 5(14))

Source of sample: Karst

Locality: Air Pinang Village, East Simeulue

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces ginsengisoli***

InaCC Number: InaCC A174

History: LIPI (Arif Nurkanto, DHKSS 1-6)

Source of sample: Soil

Locality: South Kalimantan

Cultivation: YSA

***Streptomyces abietis***

InaCC Number: InaCC A978

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SBS 5(5))

Source of sample: Soil

Locality: Mamasa, West Sulawesi

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces abietis***

InaCC Number: InaCC A993

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SBSS 5(10))

Source of sample: Soil

Locality: Sarambung, Kondokbakaru Village, Mamasa

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces abietis***

InaCC Number: InaCC A1032

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SBS 5(10))

Source of sample: Soil

Locality: Sarambung, Kondokbakaru Village, Mamasa

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces achromogenes* subsp. *achromogenes***

InaCC Number: InaCC A135  
 History: LIPI (Arif Nurkanto, T.2.5)  
 Source of sample: Soil  
 Locality: South Kalimantan  
 Cultivation: YSA

***Streptomyces achromogenes* subsp. *achromogenes***

InaCC Number: InaCC A465  
 History: LIPI (Shanti, LIPI11-2-Ac010) ← LIPI (Shanti & Puspita Lisdiyanti, CS 12 SDST-1)  
 Source of sample: Soil around *Castanospermum australe* A. Gumn  
 Locality: Cibodas Botanical Garden, Cipanas, West Java  
 Cultivation: YSA

***Streptomyces adustus***

InaCC Number: InaCC A987  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, PS 5(3))  
 Source of sample: Soil from termite nest  
 Locality: Kebar District, Tambrauw  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces adustus***

InaCC Number: InaCC A998  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SBSSD 1(1))  
 Source of sample: Fresh water sediment  
 Locality: Sarambung, Kondokbakaru Village, Mamasa  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces alanosinicus***

InaCC Number: InaCC A82  
 History: LIPI (Arif Nurkanto, W12-3)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces alboflavus***

InaCC Number: InaCC A79  
 History: LIPI (Arif Nurkanto, W26-3)  
 Source of sample: Soil

Locality: West Papua  
 Cultivation: YSA

***Streptomyces alboniger***

InaCC Number: InaCC A163  
 History: LIPI (Arif Nurkanto, KSS2.3)  
 Source of sample: Soil  
 Locality: South Kalimantan  
 Cultivation: YSA

***Streptomyces alboniger***

InaCC Number: InaCC A170  
 History: LIPI (Arif Nurkanto, KSL3.5)  
 Source of sample: Leaf litter  
 Locality: South Kalimantan  
 Cultivation: YSA

***Streptomyces alboniger***

InaCC Number: InaCC A903  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA13)  
 Source of sample: Soil around *Pandanus* sp. (secondary forest)  
 Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia  
 Cultivation: YSA, pH 7.2, 30°C

***Streptomyces albus* subsp. *albus***

InaCC Number: InaCC A490  
 History: LIPI (Shanti, LIPI11-2-Ac065) ← LIPI (Shanti & Puspita Lisdiyanti, Ce Se 01 RCT-1)  
 Source of sample: Hot spring sediment  
 Locality: Ciseeng hotspring, Bogor, West Java  
 Cultivation: YSA

***Streptomyces anandii***

InaCC Number: InaCC A509  
 History: LIPI (Shanti, LIPI11-2-Ac091) ← LIPI (Shanti & Puspita Lisdiyanti, TSA 03 SDST-7)  
 Source of sample: Soil  
 Locality: Satonda Island, Dompu Bima, West Nusa Tenggara  
 Cultivation: YSA



***Streptomyces angustmyceticus***

InaCC Number: InaCC A1048

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, A18MRS 2(24))Source of sample: Rhizospher soil of *Erythrina variegata*

Locality: Mt. Merapi National Park, Resort Pakem Turi

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces atratus***

InaCC Number: InaCC A977

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, SBS 5(3))

Source of sample: Soil

Locality: Mamasa, West Sulawesi

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces aurantiacus***

InaCC Number: InaCC A1137

History: Shanti R (InaCC A1137) ← Shanti R (ID03-0549)

Source of sample: Soil under fallen leaves (*Dacrycarpus imbricatus*), Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces aurantiacus***

InaCC Number: InaCC A1138

History: Shanti R (InaCC A1138) ← Shanti R (ID03-0550)

Source of sample: Soil under fallen leaves (*Dacrycarpus imbricatus*), Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces aureus***

InaCC Number: InaCC A30

History: LIPI (Arif Nurkanto, W5-6)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Streptomyces aureus***

InaCC Number: InaCC A494

History: LIPI (Shanti, LIPI11-2-Ac070) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TSA 01 TC-3)

Source of sample: Soil around *Ziziphus mauritiana* tree

Locality: Satonda Island, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces aureus***

InaCC Number: InaCC A1000

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, SBSSD 1(13))

Source of sample: Fresh water sediment

Locality: Sarambung, Kondokbakaru Village, Mamasa

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces aureus***

InaCC Number: InaCC A1110

History: Shanti R (InaCC A1110) ← Shanti R (ID03-0519)

Source of sample: Soil under fallen leaves (*Dacrycarpus imbricatus*), Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces avellaneus***

InaCC Number: InaCC A128

History: LIPI (Arif Nurkanto, T.1.3)

Source of sample: Soil

Locality: South Kalimantan

Cultivation: YSA

***Streptomyces avellaneus***

InaCC Number: InaCC A1073

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, A18BR 2(12))

Source of sample: Moss on the surface of decay stone of Borobudur Temple

Locality: Magelang Regency Central Java

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces avermitilis***

InaCC Number: InaCC **A83**  
 History: LIPI (Arif Nurkanto, W10-5)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces avermitilis***

InaCC Number: InaCC **A124**  
 History: LIPI (Arif Nurkanto, W25-3)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces avermitilis***

InaCC Number: InaCC **A926**  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, EgA305)  
 Source of sample: Soil of *Musa* spp. plantation  
 Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia (5°23'21" S, 102°24'40" E).  
 Cultivation: YSA, pH 7.2, 30°C

***Streptomyces avidinii***

InaCC Number: InaCC **A999**  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, SBSSD 1(11))  
 Source of sample: Fresh water sediment  
 Locality: Sarambung, Kondokbakaru Village, Mamasa  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces avidinii***

InaCC Number: InaCC **A1004**  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, SBSSD 1(6))  
 Source of sample: Fresh water sediment  
 Locality: Sarambung, Kondokbakaru Village, Mamasa  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces bellus***

InaCC Number: InaCC **A51**  
 History: LIPI (Arif Nurkanto, G2-2)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces bluensis***

InaCC Number: InaCC **A576**  
 History: LIPI (Shanti, LIPI11-2-Ac167) ← LIPI (Shanti & Puspita Lisdiyanti, TKA 01 RCC-1)  
 Source of sample: Soil around cashew tree (*Anacardium occidentale*)  
 Locality: Kadindi, Dompu Bima, West Nusa Tenggara  
 Cultivation: YSA

***Streptomyces bluensis***

InaCC Number: InaCC **A582**  
 History: LIPI (Shanti, LIPI11-2-Ac173) ← LIPI (Shanti & Puspita Lisdiyanti, TCA01 SDS-6)  
 Source of sample: Soil around *Hibiscus tiliaceus* tree (waru)  
 Locality: Calabai, Dompu Bima, West Nusa Tenggara  
 Cultivation: YSA

***Streptomyces bobili***

InaCC Number: InaCC **A540**  
 History: LIPI (Shanti, LIPI11-2-Ac127) ← LIPI (Shanti & Puspita Lisdiyanti, TTA02 SDS-10)  
 Source of sample: Soil  
 Locality: Savana Mt. Tambora, Dompu Bima, West Nusa Tenggara  
 Cultivation: YSA

***Streptomyces bungoensis***

InaCC Number: InaCC **A168**  
 History: LIPI (Arif Nurkanto, KSL3.2)  
 Source of sample: Soil  
 Locality: South Kalimantan  
 Cultivation: YSA

***Streptomyces bungoensis***

InaCC Number: InaCC A177  
 History: LIPI (Arif Nurkanto, KSS 2-5)  
 Source of sample: Soil  
 Locality: South Kalimantan  
 Cultivation: YSA

***Streptomyces bungoensis***

InaCC Number: InaCC A487  
 History: LIPI (Shanti, LIPI11-2-Ac061) ← LIPI (Shanti & Puspita Lisdiyanti, GPSe 01 SDST-1)  
 Source of sample: Hot spring sediment  
 Locality: Mt. Pancar hot spring, Bogor, West Java  
 Cultivation: YSA

***Streptomyces bungoensis***

InaCC Number: InaCC A923  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA294)  
 Source of sample: Soil of *Theobroma cacao* plantation  
 Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia  
 Cultivation: YSA, pH 7.2, 30°C

***Streptomyces bungoensis***

InaCC Number: InaCC A1076  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18BR 3(5))  
 Source of sample: Moss on the surface of decay stone of Borobudur Temple  
 Locality: Magelang Regency, Central Java  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces caeruleatus***

InaCC Number: InaCC A902  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA227)  
 Source of sample: Soil around *Pandanus* sp. (secondary forest)  
 Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia  
 Cultivation: YSA, pH 7.2, 30°C

***Streptomyces californicus***

InaCC Number: InaCC A1109  
 History: Shanti R (InaCC A1109) ← Shanti R (ID03-0518)  
 Source of sample: Soil under *Diplazium repandum* and *Diplazium esculentum*, Eka Karya Botanical Garden, Bali  
 Locality: Eka Karya Botanical Garden, Bali  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces californicus***

InaCC Number: InaCC A1113  
 History: Shanti R (InaCC A1113) ← Shanti R (ID03-0523)  
 Source of sample: Soil under fallen leaves (*Dacrycarpus imbricatus*), Eka Karya Botanical Garden, Bali  
 Locality: Eka Karya Botanical Garden, Bali  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces canadensis***

InaCC Number: InaCC A1103  
 History: Shanti R (InaCC A1103) ← Shanti R (ID03-0512)  
 Source of sample: Soil under *Pinanga coronata* (palm), Eka Karya Botanical Garden, Bali  
 Locality: Eka Karya Botanical Garden, Bali  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces capoamus***

InaCC Number: InaCC A110  
 History: LIPI (Arif Nurkanto, RC G2-3)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces capoamus***

InaCC Number: InaCC A1035  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, CI 50(2))  
 Source of sample: Rhizosphere soil of *Shorgum bicolor*  
 Locality: Ecopark, Cibinong Science Center, Cibinong, West Java  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces cavourensis***

InaCC Number: InaCC A885  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, EgA379)  
 Source of sample: Sediment of swamp  
 Locality: Enggano Island, North Bengkulu  
 Regency, Bengkulu, Indonesia  
 Cultivation: YSA, pH 7.2, 30°C

***Streptomyces cavourensis***

InaCC Number: InaCC A883  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, EgA356)  
 Source of sample: Sediment of mangrove  
 Locality: Enggano Island, North Bengkulu  
 Regency, Bengkulu, Indonesia  
 Cultivation: YSA, pH 7.2, 30°C

***Streptomyces cavourensis***

InaCC Number: InaCC A894  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, EgA350)  
 Source of sample: Leaf litter of *Archidendron* sp.  
 plantation  
 Locality: Enggano Island, North Bengkulu  
 Regency, Bengkulu, Indonesia  
 Cultivation: YSA, pH 7.2, 30°C

***Streptomyces cellostaticus***

InaCC Number: InaCC A42  
 History: LIPI (Arif Nurkanto, W10-5)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces cellulosa***

InaCC Number: InaCC A493  
 History: LIPI (Shanti, LIPI11-2-Ac069) ← LIPI  
 (Shanti & Puspita Lisdiyanti, TSA 01 TC-2)  
 Source of sample: Soil around *Ziziphus*  
*mauritiana* tree  
 Locality: Satonda Island, Dompu Bima, West  
 Nusa Tenggara  
 Cultivation: YSA

***Streptomyces chartreusis***

InaCC Number: InaCC A125  
 History: LIPI (Arif Nurkanto, RC W26-6)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces chattanoogensis***

InaCC Number: InaCC A1025  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, CI 100(6))  
 Source of sample: Rhizosphere soil of *Shorgum*  
*bicolor*  
 Locality: Ecopark, Cibinong Science Center,  
 Cibinong, West Java  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces chattanoogensis***

InaCC Number: InaCC A1044  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, CI 100(1))  
 Source of sample: Rhizosphere soil of *Shorgum*  
*bicolor*  
 Locality: Ecopark, Cibinong Science Center,  
 Cibinong, West Java  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces chartreusis***

InaCC Number: InaCC A43  
 History: LIPI (Arif Nurkanto, RC G2-9)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces chartreusis***

InaCC Number: InaCC A75  
 History: LIPI (Arif Nurkanto, W14-4)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces chartreusis***

InaCC Number: InaCC A1064  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, A18BR 1(2))

Source of sample: Moss on the surface of decay stone of Borobudur Temple

Locality: Magelang Regency, Central Java

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces chromofuscus***

InaCC Number: InaCC A171

History: LIPI (Arif Nurkanto, T1-2)

Source of sample: Soil

Locality: South Kalimantan

Cultivation: YSA

***Streptomyces chromofuscus***

InaCC Number: InaCC A471

History: LIPI (Shanti, LIPI11-2-Ac022) ← LIPI (Shanti & Puspita Lisdiyanti, Cli02 RC-1)

Source of sample: Litter of *Engelhardtia spicata* esch. ex B1 (Jug1) III.C.20. Himalaya

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YSA

***Streptomyces chromofuscus***

InaCC Number: InaCC A530

History: LIPI (Shanti, LIPI11-2-Ac117) ← LIPI (Shanti & Puspita Lisdiyanti, TTA01 SDS-8)

Source of sample: Soil around *Spondias dulcis* tree (kedondong)

Locality: Savana Mt. Tambora, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces cinereoruber***

InaCC Number: InaCC A505

History: LIPI (Shanti, LIPI11-2-Ac086) ← LIPI (Shanti & Puspita Lisdiyanti, TSA02 SDS-11)

Source of sample: Soil of dewandaru tree

Locality: Satonda Island, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces cinereoruber* subsp. *fructofermentans***

InaCC Number: InaCC A1019

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SASS 3(5))

Source of sample: Karst

Locality: Air Pinang Village, East Simeulue

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces cinerochromogenes***

InaCC Number: InaCC A501

History: LIPI (Shanti, LIPI11-2-Ac079) ← LIPI (Shanti & Puspita Lisdiyanti, TSA 02 SDST-1)

Source of sample: Soil of dewandaru tree

Locality: Satonda Island, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces cirratus***

InaCC Number: InaCC A1049

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18MRS 2(9))

Source of sample: Rhizospher soil of *Erythrina variegata*

Locality: Mt. Merapi National Park, Resort Pakem Turi

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces cirratus***

InaCC Number: InaCC A1050

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18MRS 4(3))

Source of sample: Rhizospher soil of *Pinus mercurii*

Locality: Mt. Merapi National Park, Resort Pakem Turi

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces coacervatus***

InaCC Number: InaCC A29

History: LIPI (Arif Nurkanto, RC G2-1)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Streptomyces coacervatus***

InaCC Number: InaCC A31  
 History: LIPI (Arif Nurkanto, W27-7)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces cocklensis***

InaCC Number: InaCC A980  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, SBS 5(8))  
 Source of sample: Soil  
 Locality: Mamasa, West Sulawesi  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces coelicolor***

InaCC Number: InaCC A880  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, EgA367)  
 Source of sample: Sediment of mangrove  
 Locality: Enggano Island, North Bengkulu  
 Regency, Bengkulu, Indonesia  
 Cultivation: YSA, pH 7.2, 30°C

***Streptomyces coeruleorubidus***

InaCC Number: InaCC A895  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, EgA349)  
 Source of sample: Leaf litter of *Archidendron* sp.  
 plantation  
 Locality: Enggano Island, North Bengkulu  
 Regency, Bengkulu, Indonesia  
 Cultivation: YSA, pH 7.2, 30°C

***Streptomyces curacoi***

InaCC Number: InaCC A47  
 History: LIPI (Arif Nurkanto, W16-2)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces curacoi***

InaCC Number: InaCC A114  
 History: LIPI (Arif Nurkanto, RC G2-4)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Streptomyces curacoi***

InaCC Number: InaCC A474  
 History: LIPI (Shanti, LIPI11-2-Ac027) ← LIPI  
 (Shanti & Puspita Lisdiyanti, Cli02 SDS-1)  
 Source of sample: Litter of *Chincona pubescens*  
 Vahl. (Rub) II.A.1. (7pls.) Peru  
 Locality: Cibodas Botanical Garden, Cipanas,  
 West Java  
 Cultivation: YSA

***Streptomyces cyaneogriseus***

InaCC Number: InaCC A548  
 History: LIPI (Shanti, LIPI11-2-Ac135) ← LIPI  
 (Shanti & Puspita Lisdiyanti, TTA02 SDS-28)  
 Source of sample: Soil  
 Locality: Savana Mt. Tambora, Dompu Bima,  
 West Nusa Tenggara  
 Cultivation: YSA

***Streptomyces cyaneogriseus***

InaCC Number: InaCC A475  
 History: LIPI (Shanti, LIPI11-2-Ac032) ← LIPI  
 (Shanti & Puspita Lisdiyanti, Cli04 RC-5)  
 Source of sample: Litter of *Macropanaxdis*  
*pectum*  
 Locality: Cibodas Botanical Garden, Cipanas,  
 West Java  
 Cultivation: YSA

***Streptomyces cyaneus***

InaCC Number: InaCC A927  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, EgA315)  
 Source of sample: Soil of *Gnetum gnemon*  
 plantation  
 Locality: Enggano Island, North Bengkulu  
 Regency, Bengkulu, Indonesia  
 Cultivation: YSA, pH 7.2, 30°C

***Streptomyces echinatus***

InaCC Number: InaCC A1082  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18BR 3(19))  
 Source of sample: Moss on the surface of decay stone of Borobudur Temple  
 Locality: Magelang Regency, Central Java  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces endus***

InaCC Number: InaCC A578  
 History: LIPI (Shanti, LIPI11-2-Ac169) ← LIPI (Shanti & Puspita Lisdiyanti, TCA01 SDS-14)  
 Source of sample: Soil around *Hibiscus tiliaceus* tree (waru)  
 Locality: Calabai, Dompur Bima, West Nusa Tenggara  
 Cultivation: YSA

***Streptomyces endus***

InaCC Number: InaCC A81  
 History: LIPI (Arif Nurkanto, W17-4)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces engganoensis***

InaCC Number: InaCC A1144  
 History: Shanti R (InaCC A1143) ← Shanti R (SHP 1-2)  
 Source of sample: Soil under bamboo tree  
 Locality: Enggano Island  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces europaeiscabiei***

InaCC Number: InaCC A1102  
 History: Shanti R (InaCC A1102) ← Shanti R (ID03-0511)  
 Source of sample: Soil under fallen leaves (*Dacrycarpus imbricatus*), Eka Karya Botanical Garden, Bali  
 Locality: Eka Karya Botanical Garden, Bali  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces exfoliatus***

InaCC Number: InaCC A45  
 History: LIPI (Arif Nurkanto, W27-1)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces filipinensis***

InaCC Number: InaCC A473  
 History: LIPI (Shanti, LIPI11-2-Ac026) ← LIPI (Shanti & Puspita Lisdiyanti, Cli02 RC-7)  
 Source of sample: Litter of *Chincona pubescens* Vahl. (Rub) II.A.1. (7pls.) Peru  
 Locality: Cibodas Botanical Garden, Cipanas, West Java  
 Cultivation: YSA

***Streptomyces filipinensis***

InaCC Number: InaCC A920  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA40)  
 Source of sample: Soil around *Musa* spp. plantation  
 Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia  
 Cultivation: YSA, pH 7.2, 30°C

***Streptomyces filipinensis***

InaCC Number: InaCC A901  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA202)  
 Source of sample: Soil around *Melastoma malabatricum* (secondary forest)  
 Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia  
 Cultivation: YSA, pH 7.2, 30°C

***Streptomyces filipinensis***

InaCC Number: InaCC A906  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA32)  
 Source of sample: Soil around *Terminalia catappa* (secondary forest)  
 Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia  
 Cultivation: YSA, pH 7.2, 30°C

***Streptomyces flavofungini***

InaCC Number: InaCC A93  
 History: LIPI (Arif Nurkanto, W12-6)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces flavotricini***

InaCC Number: InaCC A1112  
 History: Shanti R (InaCC A1112) ← Shanti R (ID03-0521)  
 Source of sample: Soil under *Manglietia glauca*, Eka Karya Botanical Garden, Bali  
 Locality: Eka Karya Botanical Garden, Bali  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces fradiae***

InaCC Number: InaCC A572  
 History: LIPI (Shanti, LIPI11-2-Ac162) ← LIPI (Shanti & Puspita Lisdiyanti, TKA01 SDS-8)  
 Source of sample: Soil around cashew tree (*Anacardium occidentale*)  
 Locality: Kadindi, Dompu Bima, West Nusa Tenggara  
 Cultivation: YSA

***Streptomyces fradiae***

InaCC Number: InaCC A571  
 History: LIPI (Shanti, LIPI11-2-Ac162) ← LIPI (Shanti & Puspita Lisdiyanti, TKA01 SDS-8)  
 Source of sample: Soil around cashew tree (*Anacardium occidentale*)  
 Locality: Kadindi, Dompu Bima, West Nusa Tenggara  
 Cultivation: YSY

***Streptomyces galbus***

InaCC Number: InaCC A123  
 History: LIPI (Arif Nurkanto, W40-3)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces gilvosporeus***

InaCC Number: InaCC A569  
 History: LIPI (Shanti, LIPI11-2-Ac160) ← LIPI (Shanti & Puspita Lisdiyanti, TTA02 SDS-03)  
 Source of sample: Soil  
 Locality: Savana Mt. Tambora, Dompu Bima, West Nusa Tenggara  
 Cultivation: YSA

***Streptomyces ginsengisoli***

InaCC Number: InaCC A35  
 History: LIPI (Arif Nurkanto, W23-3)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces ginsengisoli***

InaCC Number: InaCC A38  
 History: LIPI (Arif Nurkanto, W25-2)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces glauciniger***

InaCC Number: InaCC A84  
 History: LIPI (Arif Nurkanto, W5-2)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces glauciniger***

InaCC Number: InaCC A76  
 History: LIPI (Arif Nurkanto, W17-2)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces glauciniger***

InaCC Number: InaCC A117  
 History: LIPI (Arif Nurkanto, W17-6)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA



***Streptomyces glauciniger***

InaCC Number: InaCC A162  
 History: LIPI (Arif Nurkanto, KSS1.3)  
 Source of sample: Soil  
 Locality: South Kalimantan  
 Cultivation: YSA

***Streptomyces glauciniger***

InaCC Number: InaCC A166  
 History: LIPI (Arif Nurkanto, KSS5.3)  
 Source of sample: Soil  
 Locality: South Kalimantan  
 Cultivation: YSA

***Streptomyces glauciniger***

InaCC Number: InaCC A167  
 History: LIPI (Arif Nurkanto, KSL3.1)  
 Source of sample: Soil  
 Locality: South Kalimantan  
 Cultivation: YSA

***Streptomyces glauciniger***

InaCC Number: InaCC A169  
 History: LIPI (Arif Nurkanto, KSL3.4)  
 Source of sample: Soil  
 Locality: South Kalimantan  
 Cultivation: YSA

***Streptomyces glauciniger***

InaCC Number: InaCC A477  
 History: LIPI (Shanti, LIPI11-2-Ac035) ← LIPI (Shanti & Puspita Lisdiyanti, Cli04 RC-7)  
 Source of sample: Litter of *Macropanaxdis pectum*  
 Locality: Cibodas Botanical Garden, Cipanas, West Java  
 Cultivation: YSA

***Streptomyces globosus***

InaCC Number: InaCC A165  
 History: LIPI (Arif Nurkanto, KSS5.1)  
 Source of sample: Soil  
 Locality: South Kalimantan  
 Cultivation: YSA

***Streptomyces glomeratus***

InaCC Number: InaCC A131  
 History: LIPI (Arif Nurkanto, T.2.1)  
 Source of sample: Soil  
 Locality: South Kalimantan  
 Cultivation: YSA

***Streptomyces glomeratus***

InaCC Number: InaCC A563  
 History: LIPI (Shanti, LIPI11-2-Ac151) ← LIPI (Shanti & Puspita Lisdiyanti, TTA 02 SDST-9)  
 Source of sample: Soil  
 Locality: Savana Mt. Tambora, Dompu Bima West Nusa Tenggara  
 Cultivation: YSA

***Streptomyces gramineus***

InaCC Number: InaCC A153  
 History: LIPI (Arif Nurkanto, DHKSS1.3)  
 Source of sample: Soil  
 Locality: South Kalimantan  
 Cultivation: YSA

***Streptomyces graminisoli***

InaCC Number: InaCC A36  
 History: LIPI (Arif Nurkanto, W23-2)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces graminofaciens***

InaCC Number: InaCC A929  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA317)  
 Source of sample: Soil of *Gnetum gnemon* plantation  
 Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia  
 Cultivation: YSA, pH 7.2, 30°C

***Streptomyces griseochromogenes***

InaCC Number: InaCC A52  
 History: LIPI (Arif Nurkanto, W16-1)  
 Source of sample: Soil

Locality: West Papua  
Cultivation: YSA

***Streptomyces griseochromogenes***

InaCC Number: InaCC **A121**  
History: LIPI (Arif Nurkanto, W8-2)  
Source of sample: Soil  
Locality: West Papua  
Cultivation: YSA

***Streptomyces griseochromogenes***

InaCC Number: InaCC **A133**  
History: LIPI (Arif Nurkanto, T.2.3)  
Source of sample: Soil  
Locality: South Kalimantan  
Cultivation: YSA

***Streptomyces griseochromogenes***

InaCC Number: InaCC **A556**  
History: LIPI (Shanti, LIPI11-2-Ac143) ← LIPI (Shanti & Puspita Lisdiyanti, TTA 02 RCC-1)  
Source of sample: Soil  
Locality: Savana Mt. Tambora, Dompus Bima West Nusa Tenggara  
Cultivation: YSA

***Streptomyces griseoluteus***

InaCC Number: InaCC **A1068**  
History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18BR 1(10))  
Source of sample: Moss on the surface of decay stone of Borobudur Temple  
Locality: Magelang Regency, Central Java  
Cultivation: YSA, pH 7.3, 30°C

***Streptomyces griseoplanus***

InaCC Number: InaCC **A965**  
History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 1(5))  
Source of sample: Rhizosphere soil of *Podocarpus rhumpii*  
Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces griseorubens***

InaCC Number: InaCC **A884**  
History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA363)  
Source of sample: Sediment of mangrove  
Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia  
Cultivation: YSA, pH 7.2, 30°C

***Streptomyces griseoruber***

InaCC Number: InaCC **A32**  
History: LIPI (Arif Nurkanto, W26-3)  
Source of sample: Soil  
Locality: West Papua  
Cultivation: YSA

***Streptomyces griseoruber***

InaCC Number: InaCC **A543**  
History: LIPI (Shanti, LIPI11-2-Ac130) ← LIPI (Shanti & Puspita Lisdiyanti, TTA02 SDS-8)  
Source of sample: Soil  
Locality: Savana Mt. Tambora, Dompus Bima, West Nusa Tenggara  
Cultivation: YSA

***Streptomyces griseoruber***

InaCC Number: InaCC **A113**  
History: LIPI (Arif Nurkanto, W27-3)  
Source of sample: Soil  
Locality: West Papua  
Cultivation: YSA

***Streptomyces griseoruber***

InaCC Number: InaCC **A922**  
History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA304)  
Source of sample: Soil of *Cocos* sp. plantation  
Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia  
Cultivation: YSA, pH 7.2, 30°C

***Streptomyces griseoruber***

InaCC Number: InaCC A77  
 History: LIPI (Arif Nurkanto, W27-8)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces griseoruber***

InaCC Number: InaCC A1077  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, A18BR 3(6))  
 Source of sample: Moss on the surface of decay  
 stone of Borobudur Temple  
 Locality: Magelang Regency, Central Java  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces griseorubiginosus***

InaCC Number: InaCC A1034  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, CI 02(4))  
 Source of sample: Rhizosphere soil of *Shorgum*  
*bicolor*  
 Locality: Ecopark, Cibinong Science Center,  
 Cibinong, West Java  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces griseostramineus***

InaCC Number: InaCC A551  
 History: LIPI (Shanti, LIPI11-2-Ac138) ← LIPI  
 (Shanti & Puspita Lisdiyanti, TTA02 SDS-6)  
 Source of sample: Soil  
 Locality: Savana Mt. Tambora, Dompu Bima  
 West Nusa Tenggara  
 Cultivation: YSA

***Streptomyces griseovorticillatus***

InaCC Number: InaCC A580  
 History: LIPI (Shanti, LIPI11-2-Ac171) ← LIPI  
 (Shanti & Puspita Lisdiyanti, TCA01 SDS-13)  
 Source of sample: Soil around *Hibiscus tiliaceus*  
 tree (waru)  
 Locality: Calabai, Dompu Bima, West Nusa  
 Tenggara  
 Cultivation: YSA

***Streptomyces griseus subsp. griseus***

InaCC Number: InaCC A1097  
 History: Shanti R (InaCC A1097) ← Shanti R  
 (ID03-0506)  
 Source of sample: Soil under *Pinanga coronata*  
 (palm), Eka Karya Botanical Garden, Bali  
 Locality: Eka Karya Botanical Garden, Bali  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces hydrogenans***

InaCC Number: InaCC A50  
 History: LIPI (Arif Nurkanto, W16-5)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces hygroscopicus subsp. jinggangensis***

InaCC Number: InaCC A559  
 History: LIPI (Shanti, LIPI11-2-Ac146) ← LIPI  
 (Shanti & Puspita Lisdiyanti, TTA 02 SDST-3)  
 Source of sample: Soil  
 Locality: Savana Mt. Tambora, Dompu Bima  
 West Nusa Tenggara  
 Cultivation: YSA

***Streptomyces hygroscopicus subsp. jinggangensis***

InaCC Number: InaCC A550  
 History: LIPI (Shanti, LIPI11-2-Ac137) ← LIPI  
 (Shanti & Puspita Lisdiyanti, TTA 02 SDS-13)  
 Source of sample: Soil  
 Locality: Savana Mt. Tambora, Dompu Bima,  
 West Nusa Tenggara  
 Cultivation: YSA

***Streptomyces hygroscopicus subsp. jinggangensis***

InaCC Number: InaCC A542  
 History: LIPI (Shanti, LIPI11-2-Ac129) ← LIPI  
 (Shanti & Puspita Lisdiyanti, TTA02 SDS-12)  
 Source of sample: Soil  
 Locality: Savana Mt. Tambora, Dompu Bima,  
 West Nusa Tenggara  
 Cultivation: YSA

***Streptomyces hygroscopicus* subsp. *jinggangensis***

InaCC Number: InaCC A497

History: LIPI (Shanti, LIPI11-2-Ac073) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TSA02 SDS-13)

Source of sample: Soil of dewandaru tree

Locality: Satonda Island, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces indigoferus***

InaCC Number: InaCC A1002

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SBSSD 1(4))

Source of sample: Fresh water sediment

Locality: Sarambung, Kondokbakaru Village, Mamasa

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces jiujiangensis***

InaCC Number: InaCC A151

History: LIPI (Arif Nurkanto, DHKSS1.1)

Source of sample: Soil

Locality: South Kalimantan

Cultivation: YSA

***Streptomyces jiujiangensis***

InaCC Number: InaCC A152

History: LIPI (Arif Nurkanto, DHKSS1.2)

Source of sample: Soil

Locality: South Kalimantan

Cultivation: YSA

***Streptomyces jiujiangensis***

InaCC Number: InaCC A945

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 3(9))

Source of sample: Rhizosphere soil of *Podocarpus imbricatus*

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces jumonjinensis***

InaCC Number: InaCC A22

History: LIPI (Arif Nurkanto) ← LIPI (Arif Nurkanto, W25-6)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Streptomyces kentuckyensis***

InaCC Number: InaCC A53

History: LIPI (Arif Nurkanto, A-0125)

Source of sample: Soil

Locality: East Java

Cultivation: YSA

***Streptomyces kunmingensis***

InaCC Number: InaCC A74

History: LIPI (Arif Nurkanto, W12-6)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Streptomyces kunmingensis***

InaCC Number: InaCC A144

History: LIPI (Evi Triana, BB 3.2)

Source of sample: Soil

Locality: Belitung

Cultivation: YSA

***Streptomyces kunmingensis***

InaCC Number: InaCC A176

History: LIPI (Arif Nurkanto, KSS 2-4)

Source of sample: Soil

Locality: South Kalimantan

Cultivation: YSA

***Streptomyces laceyi***

InaCC Number: InaCC A1129

History: Shanti R (InaCC A1129) ← Shanti R (ID03-0540)

Source of sample: Soil under *Altingia excels* and *Syzygium zollingerianum*, Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali  
Cultivation: YSA, pH 7.3, 30°C

***Streptomyces lactacystinicus***

InaCC Number: InaCC A1045  
History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, A18MRS 1(14))  
Source of sample: Rhizosphere soil of *Schima walichii*  
Locality: Mt. Merapi National Park, Resort Pakem Turi  
Cultivation: YSA, pH 7.3, 30°C

***Streptomyces lactacystinicus***

InaCC Number: InaCC A1087  
History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, A18TE 4(2))  
Source of sample: Rhizosphere soil of sampinur tali plant  
Locality: Lake Toba, North Sumatera  
Cultivation: YSA, pH 7.3, 30°C

***Streptomyces laculatispora***

InaCC Number: InaCC A1008  
History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, SBSSD 3(4))  
Source of sample: Fresh water sediment  
Locality: Sarambung, Kondokbakaru Village, Mamasa  
Cultivation: YSA, pH 7.3, 30°C

***Streptomyces lanatus***

InaCC Number: InaCC A904  
History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, EgA27)  
Source of sample: Soil around Rosaceae (secondary forest)  
Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia  
Cultivation: YSA, pH 7.2, 30°C

***Streptomyces lanatus***

InaCC Number: InaCC A924  
History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, EgA291)

Source of sample: Soil of *Theobroma cacao* plantation

Locality: Enggano Island, North Bengkulu Regency, Bengkulu Indonesia  
Cultivation: YSA, pH 7.2, 30°C

***Streptomyces lannensis***

InaCC Number: InaCC A25  
History: LIPI (Arif Nurkanto, W17-2)  
Source of sample: Soil  
Locality: West Papua  
Cultivation: YSA

***Streptomyces lannensis***

InaCC Number: InaCC A461  
History: LIPI (Shanti, LIPI11-2-Ac003) ← LIPI (Shanti & Puspita Lisdiyanti, CS 07 SDST-1)  
Source of sample: Soil of *Chincona* sp. (Rub) tree No.3 II.A.ab West Java  
Locality: Cibodas botanical garden, Bogor, West Java  
Cultivation: YSA

***Streptomyces lannensis***

InaCC Number: InaCC A889  
History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, EgA370)  
Source of sample: Sediment of swamp  
Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia  
Cultivation: YSA, pH 7.2, 30°C

***Streptomyces lateritius***

InaCC Number: InaCC A88  
History: LIPI (Arif Nurkanto, W14-3)  
Source of sample: Soil  
Locality: West Papua  
Cultivation: YSA

***Streptomyces lavendulae***

InaCC Number: InaCC A1107  
History: Shanti R (InaCC A1107) ← Shanti R (ID03-0516)

Source of sample: Soil under fallen leaves (*Dacrycarpus imbricatus*), Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces lavendulocolor***

InaCC Number: InaCC A511

History: LIPI (Shanti, LIPI11-2-Ac095) ← LIPI (Shanti & Puspita Lisdiyanti, TSA04 SDS-66)

Source of sample: Soil

Locality: Satonda Island, Dompus Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces levis***

InaCC Number: InaCC A508

History: LIPI (Shanti, LIPI11-2-Ac090) ← LIPI (Shanti & Puspita Lisdiyanti, TSA 03 SDST-1)

Source of sample: Soil

Locality: Satonda Island, Dompus Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces levis***

InaCC Number: InaCC A502

History: LIPI (Shanti, LIPI11-2-Ac080) ← LIPI (Shanti & Puspita Lisdiyanti, TSA 02 SDST-2)

Source of sample: Soil of dewandaru tree

Locality: Satonda Island, Dompus Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces lincolnensis***

InaCC Number: InaCC A120

History: LIPI (Arif Nurkanto, W14-1)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Streptomyces lividans***

InaCC Number: InaCC A549

History: LIPI (Shanti, LIPI11-2-Ac136) ← LIPI (Shanti & Puspita Lisdiyanti, TTA02 SDS-24)

Source of sample: Soil

Locality: Savana Mt. Tambora, Dompus Bima West Nusa Tenggara

Cultivation: YSA

***Streptomyces lividans***

InaCC Number: InaCC A489

History: LIPI (Shanti, LIPI11-2-Ac064) ← LIPI (Shanti & Puspita Lisdiyanti, GPSe02 DP-02)

Source of sample: Hot spring sediment

Locality: Mt. Pancar hot spring, Bogor, West Java

Cultivation: YSA

***Streptomyces longwoodensis***

InaCC Number: InaCC A37

History: LIPI (Arif Nurkanto, W17-4)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Streptomyces lucensis***

InaCC Number: InaCC A85

History: LIPI (Arif Nurkanto, W5-4)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Streptomyces lucensis***

InaCC Number: InaCC A925

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA299)

Source of sample: Soil of *Musa* spp. plantation

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia

Cultivation: YSA, pH 7.2, 30°C

***Streptomyces luteireticuli***

InaCC Number: InaCC A541

History: LIPI (Shanti, LIPI11-2-Ac128) ← LIPI (Shanti & Puspita Lisdiyanti, TTA02 SDS-26)

Source of sample: Soil

Locality: Savana Mt. Tambora, Dompus Bima West Nusa Tenggara

Cultivation: YSA

***Streptomyces luteireticuli***

InaCC Number: InaCC A137  
 History: LIPI (Arif Nurkanto, T.3.2)  
 Source of sample: Soil  
 Locality: South Kalimantan  
 Cultivation: YSA

***Streptomyces luteireticuli***

InaCC Number: InaCC A480  
 History: LIPI (Shanti, LIPI11-2-Ac041) ← LIPI (Shanti & Puspita Lisdiyanti, Cli04 RC-3)  
 Source of sample: Litter of *Macropanaxdis pectum*  
 Locality: Cibodas Botanical Garden, Cipanas, West Java  
 Cultivation: YSA

***Streptomyces luteovorticillatus***

InaCC Number: InaCC A534  
 History: LIPI (Shanti, LIPI11-2-Ac123) ← LIPI (Shanti & Puspita Lisdiyanti, TTA01 SDS-06)  
 Source of sample: Soil around *Spondias dulcis* tree (kedondong)  
 Locality: Savana Mt. Tambora, Dompu Bima West Nusa Tenggara  
 Cultivation: YSA

***Streptomyces lydicus***

InaCC Number: InaCC A1047  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18MRS 2(1))  
 Source of sample: Rhizospher soil of *Erythrina variegata*  
 Locality: Mt. Merapi National Park, Resort Pakem Turi  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces macrosporeus***

InaCC Number: InaCC A55  
 History: LIPI (Arif Nurkanto, A-0129)  
 Source of sample: Soil  
 Locality: East Java  
 Cultivation: YSA

***Streptomyces manipurensis***

InaCC Number: InaCC A136  
 History: LIPI (Arif Nurkanto, T.3.1)  
 Source of sample: Soil  
 Locality: South Kalimantan  
 Cultivation: YSA

***Streptomyces manipurensis***

InaCC Number: InaCC A485  
 History: LIPI (Shanti, LIPI11-2-Ac059) ← LIPI (Shanti & Puspita Lisdiyanti, GPSe02 DP2)  
 Source of sample: Hot spring sediment  
 Locality: Mt. Pancar hot spring, Bogor, West Java  
 Cultivation: YSA

***Streptomyces maritimus***

InaCC Number: InaCC A1104  
 History: Shanti R (InaCC A1104) ← Shanti R (ID03-0513)  
 Source of sample: Soil under *Syzygium polyanthum*, Eka Karya Botanical Garden, Bali  
 Locality: Eka Karya Botanical Garden, Bali  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces maritimus***

InaCC Number: InaCC A1106  
 History: Shanti R (InaCC A1106) ← Shanti R (ID03-0515)  
 Source of sample: Soil under *Manglietia glauca*, Eka Karya Botanical Garden, Bali  
 Locality: Eka Karya Botanical Garden, Bali  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces mashuensis***

InaCC Number: InaCC A567  
 History: LIPI (Shanti, LIPI11-2-Ac158) ← LIPI (Shanti & Puspita Lisdiyanti, TTA 02 SDST-18)  
 Source of sample: Soil  
 Locality: Savana Mt. Tambora, Dompu Bima West Nusa Tenggara  
 Cultivation: YSA

***Streptomyces mexicanus***

InaCC Number: InaCC A547  
 History: LIPI (Shanti, LIPI11-2-Ac134) ← LIPI (Shanti & Puspita Lisdiyanti, TTA02 SDS-23)  
 Source of sample: Soil  
 Locality: Savana Mt. Tambora, Dompu Bima West Nusa Tenggara  
 Cultivation: YSA

***Streptomyces miharaensis***

InaCC Number: InaCC A34  
 History: LIPI (Arif Nurkanto, RC W27-3)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces mirabilis***

InaCC Number: InaCC A157  
 History: LIPI (Arif Nurkanto, DHKSS5.4)  
 Source of sample: Soil  
 Locality: South Kalimantan  
 Cultivation: YSA

***Streptomyces mirabilis***

InaCC Number: InaCC A468  
 History: LIPI (Shanti, LIPI11-2-Ac018) ← LIPI (Shanti & Puspita Lisdiyanti, CLi01 SDS-01)  
 Source of sample: Litter of *Engelhardtia spicata* esch. exB1 (Jug1) III.C.20. Himalaya  
 Locality: Cibodas Botanical Garden, Cipanas, West Java  
 Cultivation: YSA

***Streptomyces mirabilis***

InaCC Number: InaCC A968  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS 3(4))  
 Source of sample: Rhizosphere soil of *Podocarpus imricatus*  
 Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces mirabilis***

InaCC Number: InaCC A941  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SMS1(3))  
 Source of sample: Rhizosphere soil of *Podocarpus rhumpii*  
 Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces mirabilis***

InaCC Number: InaCC A1015  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SBSSD 8(2))  
 Source of sample: Fresh water sediment  
 Locality: Sarambung, Kondokbakaru Village, Mamasa  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces mirabilis***

InaCC Number: InaCC A1067  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18BR 1(7))  
 Source of sample: Moss on the surface of decay stone of Borobudur Temple  
 Locality: Magelang Regency, Central Java  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces misionensis***

InaCC Number: InaCC A881  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA355)  
 Source of sample: Sediment of mangrove  
 Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia (5°23'21" S, 102°24'40" E).  
 Cultivation: YSA, pH 7.2, 30°C

***Streptomyces mobaraensis***

InaCC Number: InaCC A65  
 History: LIPI (Arif Nurkanto, A-0157)  
 Source of sample: Soil  
 Locality: East Java  
 Cultivation: YSA



***Streptomyces mutabilis***

InaCC Number: InaCC A1101

History: Shanti R (InaCC A1101) ← Shanti R (ID03-0510)

Source of sample: Soil under *Pinanga coronata* (palm), Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces neopeptinius***

InaCC Number: InaCC A513

History: LIPI (Shanti, LIPI11-2-Ac102) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TSA04 SDS-01)

Source of sample: Soil

Locality: Satonda Island, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces neopeptinius***

InaCC Number: InaCC A887

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA374)

Source of sample: Sediment of swamp

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia (5°23'21" S, 102°24'40" E).

Cultivation: YSA, pH 7.2, 30°C

***Streptomyces neopeptinius***

InaCC Number: InaCC A1080

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18BR 3(15))

Source of sample: Moss on the surface of decay stone of Borobudur Temple

Locality: Magelang Regency, Central Java

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces nigrescens***

InaCC Number: InaCC A1086

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18TE 1(9))

Source of sample: Rhizosphere soil of sampinur bunga plant

Locality: Lake Toba, North Sumatera

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces niveoruber***

InaCC Number: InaCC A498

History: LIPI (Shanti, LIPI11-2-Ac074) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TSA02 SDS-4)

Source of sample: Soil of dewandaru tree

Locality: Satonda Island, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces niveoruber***

InaCC Number: InaCC A583

History: LIPI (Shanti, LIPI11-2-Ac174) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TCA01 SDS-5)

Source of sample: Soil around *Hibiscus tiliaceus* tree (waru)

Locality: Calabai, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces nogalater***

InaCC Number: InaCC A129

History: LIPI (Arif Nurkanto, T.1.5)

Source of sample: Soil

Locality: South Kalimantan

Cultivation: YSA

***Streptomyces nogalater***

InaCC Number: InaCC A574

History: LIPI (Shanti, LIPI11-2-Ac165) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TKA 01 SDST-4)

Source of sample: Soil around cashew tree (*Anacardium occidentale*)

Locality: Kadindi, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces nogalater***

InaCC Number: InaCC A130

History: LIPI (Arif Nurkanto, T.1.6)

Source of sample: Soil

Locality: South Kalimantan

Cultivation: YSA

***Streptomyces nogalater***

InaCC Number: InaCC A557

History: LIPI (Shanti, LIPI11-2-Ac144) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TTA 02 SDST-1)

Source of sample: Soil

Locality: Savana Mt. Tambora, Dompu Bima West Nusa Tenggara

Cultivation: YSA

***Streptomyces nogalater***

InaCC Number: InaCC A564

History: LIPI (Shanti, LIPI11-2-Ac152) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TTA 02 SDST-10)

Source of sample: Soil

Locality: Savana Mt. Tambora, Dompu Bima West Nusa Tenggara

Cultivation: YSA

***Streptomyces olivochromogenes***

InaCC Number: InaCC A1013

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SBSSD 7(2))

Source of sample: Fresh water sediment

Locality: Sarambung, Kondokbakaru Village, Mamasa

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces olivochromogenes***

InaCC Number: InaCC A1014

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SBSSD 7(3))

Source of sample: Fresh water sediment

Locality: Sarambung, Kondokbakaru Village, Mamasa

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces olivochromongenes***

InaCC Number: InaCC A1105

History: Shanti R (InaCC A1105) ← Shanti R (ID03-0514)

Source of sample: Soil under *Bischofia javanica* (dominat trees), Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces omiyaensis***

InaCC Number: InaCC A510

History: LIPI (Shanti, LIPI11-2-Ac093) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TSA04 SDS-15)

Source of sample: Soil

Locality: Satonda Island, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces padanus***

InaCC Number: InaCC A155

History: LIPI (Arif Nurkanto, DHKSS1.5)

Source of sample: Soil

Locality: South Kalimantan

Cultivation: YSA

***Streptomyces paludis***

InaCC Number: InaCC A1098

History: Shanti R (InaCC A1098) ← Shanti R (ID03-0507)

Source of sample: Soil under *Manglietia glauca*, Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces panaciradicis***

InaCC Number: InaCC A80

History: LIPI (Arif Nurkanto, W23-3)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Streptomyces parvulus***

InaCC Number: InaCC A882

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA353)

Source of sample: Sediment of mangrove

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia

Cultivation: YSA, pH 7.2, 30°C

***Streptomyces parvulus***

InaCC Number: InaCC A891

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA03)

Source of sample: Leaf litter of *Melastoma malabatricum* (secondary forest)

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia

Cultivation: YSA, pH 7.2, 30°C

***Streptomyces parvulus***

InaCC Number: InaCC A893

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA352)

Source of sample: Leaf litter of *Musa* spp. plantation

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia

Cultivation: YSA, pH 7.2, 30°C

***Streptomyces phaeoluteichromatogenes***

InaCC Number: InaCC A560

History: LIPI (Shanti, LIPI11-2-Ac147) ← LIPI (Shanti & Puspita Lisdiyanti, TTA 02 SDST-4)

Source of sample: Soil

Locality: Savana Mt. Tambora, Dompu Bima West Nusa Tenggara

Cultivation: YSA

***Streptomyces phaeopurpureus***

InaCC Number: InaCC A172

History: LIPI (Arif Nurkanto, DHKSS 3-1)

Source of sample: Soil

Locality: South Kalimantan

Cultivation: YSA

***Streptomyces plumbiresistens***

InaCC Number: InaCC A531

History: LIPI (Shanti, LIPI11-2-Ac118) ← LIPI (Shanti & Puspita Lisdiyanti, TTA01 SDS-8)

Source of sample: Soil around *Spondias dulcis* tree (kedondong)

Locality: Savana Mt. Tambora, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces polychromogenes***

InaCC Number: InaCC A523

History: LIPI (Shanti, LIPI11-2-Ac110) ← LIPI (Shanti & Puspita Lisdiyanti, TSA04 SDS-6b)

Source of sample: Soil

Locality: Satonda Island, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces polychromogenes***

InaCC Number: InaCC A521

History: LIPI (Shanti, LIPI11-2-Ac109) ← LIPI (Shanti & Puspita Lisdiyanti, TSA04 SDS-6a)

Source of sample: Soil

Locality: Satonda Island, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces polychromogenes***

InaCC Number: InaCC A482

History: LIPI (Shanti, LIPI11-2-Ac047) ← LIPI (Shanti & Puspita Lisdiyanti, Cli04 RC-7)

Source of sample: Litter of *Macropanaxdis pectum*

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YSA

***Streptomyces polychromogenes***

InaCC Number: InaCC A917

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA19)

Source of sample: Soil around *Cocos* sp. plantation

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia

Cultivation: YSA, pH 7.2, 30°C

***Streptomyces polychromogenes***

InaCC Number: InaCC A1072

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18BR 2(9))

Source of sample: Moss on the surface of decay stone of Borobudur Temple

Locality: Magelang Regency, Central Java

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces poonensis***

InaCC Number: InaCC A518

History: LIPI (Shanti, LIPI11-2-Ac104) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TSA04 SDS-10)

Source of sample: Soil

Locality: Satonda Island, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces prunicolor***

InaCC Number: InaCC A1111

History: Shanti R (InaCC A1111) ← Shanti R (ID03-0520)

Source of sample: Soil under *Thelytheris* sp. (fern) and *Syzygium polyanthum*

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces pseudogriseolus***

InaCC Number: InaCC A554

History: LIPI (Shanti, LIPI11-2-Ac141) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TTA 02 TC-2)

Source of sample: Soil

Locality: Savana Mt. Tambora, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces pseudogriseolus***

InaCC Number: InaCC A555

History: LIPI (Shanti, LIPI11-2-Ac142) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TTA 02 TC-11)

Source of sample: Soil

Locality: Savana Mt. Tambora, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces pulcher***

InaCC Number: InaCC A495

History: LIPI (Shanti, LIPI11-2-Ac071) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TSA 01 SDST-1)

Source of sample: Soil around *Ziziphus mauritiana* tree

Locality: Satonda Island, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces pulveraceus***

InaCC Number: InaCC A160

History: LIPI (Arif Nurkanto, KSS1.1)

Source of sample: Soil

Locality: South Kalimantan

Cultivation: YSA

***Streptomyces pulveraceus***

InaCC Number: InaCC A500

History: LIPI (Shanti, LIPI11-2-Ac077) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TSA02 SDS-12)

Source of sample: Soil of dewandaru tree

Locality: Satonda Island, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces puniscabiei***

InaCC Number: InaCC A544

History: LIPI (Shanti, LIPI11-2-Ac131) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TTA02 SDS-9)

Source of sample: Soil

Locality: Savana Mt. Tambora, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces puniscabiei***

InaCC Number: InaCC A528

History: LIPI (Shanti, LIPI11-2-Ac115) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TTA01 SDS-14)

Source of sample: Soil around *Spondias dulcis* tree (kedondong)

Locality: Savana Mt. Tambora, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces puniscabiei***

InaCC Number: InaCC A507

History: LIPI (Shanti, LIPI11-2-Ac089) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TSA03 SDS-8)

Source of sample: Soil

Locality: Satonda Island, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces purpeofuscus***

InaCC Number: InaCC A905

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, EgA29)Source of sample: Soil around *Terminalia catappa* (secondary forest)

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia (5°23'21" S, 102°24'40" E).

Cultivation: YSA, pH 7.2, 30°C

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces rapamycinicus***

InaCC Number: InaCC A921

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, EgA18)Source of sample: Soil of *Musa* spp. plantation

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia

Cultivation: YSA, pH 7.2, 30°C

***Streptomyces rhizosphaerihabitans***

InaCC Number: InaCC A1003

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, SBSSD 1(5))

Source of sample: Fresh water sediment

Locality: Sarambung, Kondokbakaru Village, Mamasa

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces rhizosphaerihabitans***

InaCC Number: InaCC A1009

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, SBSSD 3(5))

Source of sample: Fresh water sediment

Locality: Sarambung, Kondokbakaru Village, Mamasa

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces recifensis***

InaCC Number: InaCC A24

History: LIPI (Arif Nurkanto, W17-1)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Streptomyces rhizosphaerihabitans***

InaCC Number: InaCC A1012

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, SBSSD 7(1))

Source of sample: Fresh water sediment

Locality: Sarambung, Kondokbakaru Village, Mamasa

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces recifensis***

InaCC Number: InaCC A28

History: LIPI (Arif Nurkanto, W12-1)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Streptomyces rhizosphaerihabitans***

InaCC Number: InaCC A1052

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, A18MRS 4(14))Source of sample: Rhizosphere soil of *Pinus mercurii*

Locality: Mt. Merapi National Park, Resort Pakem Turi

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces rhizosphaerihabitans***

InaCC Number: InaCC A972

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, SMS 3(11))Source of sample: Rhizosphere soil of *Podocarpus imbricatus*

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

***Streptomyces rishiriensis***

InaCC Number: InaCC A111

History: LIPI (Arif Nurkanto, G2-5)

Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces roseochromogenus***

InaCC Number: InaCC A39  
 History: LIPI (Arif Nurkanto, RC G2-3)  
 Source of sample: Soil  
 Locality: West Papua  
 Cultivation: YSA

***Streptomyces rubidus***

InaCC Number: InaCC A892  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, EgA276)  
 Source of sample: Leaf litter of *Piper aduncum*  
 (secondary forest)  
 Locality: Enggano Island, North Bengkulu  
 Regency, Bengkulu, Indonesia  
 Cultivation: YSA, pH 7.2, 30°C

***Streptomyces rubidus***

InaCC Number: InaCC A995  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, SBSS 7(2))  
 Source of sample: Soil  
 Locality: Sarambung, Kondokbakaru Village,  
 Mamasa  
 Cultivation: YSA, pH 7.2, 30°C

***Streptomyces rubidus***

InaCC Number: InaCC A1040  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, SBS 7(2))  
 Source of sample: Soil  
 Locality: Sarambung, Kondokbakaru Village,  
 Mamasa  
 Cultivation: YSA, pH 7.2, 30°C

***Streptomyces sasae***

InaCC Number: InaCC A970  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, CN02(3))  
 Source of sample: Rhizosphere soil of *Shorgum*  
*bicolor*

Locality: Ecopark, Cibinong Science Center,  
 Cibinong, West Java  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces sasae***

InaCC Number: InaCC A1046  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, A18MRS 1(7))  
 Source of sample: Rhizosphere soil of *Schima*  
*walichii*  
 Locality: Mt. Merapi National Park, Resort  
 Pakem Turi  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces scabiei***

InaCC Number: InaCC A912  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, EgA259)  
 Source of sample: Soil of *Ficus benjamina*  
 (secondary forest)  
 Locality: Enggano Island, North Bengkulu  
 Regency, Bengkulu, Indonesia  
 Cultivation: YSA, pH 7.2, 30°C

***Streptomyces sclerotialus***

InaCC Number: InaCC A928  
 History: Research Center for Biology (RCB)  
 LIPI (Ade Lia Putri, EgA119)  
 Source of sample: Soil of *Gnetum gnemon*  
 plantation  
 Locality: Enggano Island, North Bengkulu  
 Regency, Bengkulu, Indonesia  
 Cultivation: YSA, pH 7.2, 30°C

***Streptomyces seoulensis***

InaCC Number: InaCC A164  
 History: LIPI (Arif Nurkanto, KSS2.8)  
 Source of sample: Soil  
 Locality: South Kalimantan  
 Cultivation: YSA

***Streptomyces seoulensis***

InaCC Number: InaCC A535  
 History: LIPI (Shanti, LIPI11-2-Ac124) ← LIPI  
 (Shanti & Puspita Lisdiyanti, TTA01 SDS-15)

Source of sample: Soil around *Spondias dulcis* tree (kedondong)

Locality: Savana Mt. Tambora, Dompu Bima West Nusa Tenggara

Cultivation: YSA

***Streptomyces seoulensis***

InaCC Number: InaCC A584

History: LIPI (Shanti, LIPI11-2-Ac175) ← LIPI (Shanti & Puspita Lisdiyanti, TCA01 SDS-10)

Source of sample: Soil around *Hibiscus tiliaceus* tree (waru)

Locality: Calabai, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces seoulensis***

InaCC Number: InaCC A26

History: LIPI (Arif Nurkanto, W25-1)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Streptomyces seoulensis***

InaCC Number: InaCC A537

History: LIPI (Shanti, LIPI11-2-Ac124) ← LIPI (Shanti & Puspita Lisdiyanti, TTA01 SDS-15)

Source of sample: Soil

Locality: Savana Mt. Tambora, Dompu Bima West Nusa Tenggara

Cultivation: YSA

***Streptomyces shaanxiensis***

InaCC Number: InaCC A71

History: LIPI (Arif Nurkanto, A-0170)

Source of sample: Soil

Locality: East Java

Cultivation: YSA

***Streptomyces shandongensis***

InaCC Number: InaCC A525

History: LIPI (Shanti, LIPI11-2-Ac112) ← LIPI (Shanti & Puspita Lisdiyanti, TTA01 SDS-1)

Source of sample: Soil around *Spondias dulcis* tree (kedondong)

Locality: Savana Mt. Tambora, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces shenzhenensis***

InaCC Number: InaCC A106

History: LIPI (Arif Nurkanto, W27-7)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Streptomyces showdoensis***

InaCC Number: InaCC A914

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA301)

Source of sample: Soil of *Musa* spp. plantation

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia

Cultivation: YSA, pH 7.2, 30°C

***Streptomyces siamensis***

InaCC Number: InaCC A161

History: LIPI (Arif Nurkanto, KSS1.2)

Source of sample: Soil

Locality: South Kalimantan

Cultivation: YSA

***Streptomyces sioyaensis***

InaCC Number: InaCC A105

History: LIPI (Arif Nurkanto, W12-1)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Streptomyces sioyaensis***

InaCC Number: InaCC A888

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA359)

Source of sample: Sediment of swamp

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia

Cultivation: YSA, pH 7.2, 30°C

***Streptomyces sioyaensis***

InaCC Number: InaCC A890

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, EgA371)

Source of sample: Sediment of swamp

Locality: Enggano Island, North Bengkulu  
Regency, Bengkulu, Indonesia

Cultivation: YSA, pH 7.2, 30°C

***Streptomyces sp.***

InaCC Number: InaCC A27

History: LIPI (Arif Nurkanto, W27-8)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Streptomyces sp.***

InaCC Number: InaCC A41

History: LIPI (Arif Nurkanto, W12-3)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Streptomyces sp.***

InaCC Number: InaCC A23

History: LIPI (Arif Nurkanto) ← LIPI (Arif  
Nurkanto, W14-4)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Streptomyces sp.***

InaCC Number: InaCC A49

History: LIPI (Arif Nurkanto, W14-3)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Streptomyces sp.***

InaCC Number: InaCC A566

History: LIPI (Shanti, LIPI11-2-Ac156) ← LIPI  
(Shanti & Puspita Lisdiyanti, TTA 02 SDST-14)Source of sample: Soil around *Hibiscus tiliaceus*  
tree (waru)Locality: Savana Mt. Tambora, Dompu Bima  
West Nusa Tenggara

Cultivation: YSA

***Streptomyces sp.***

InaCC Number: InaCC A561

History: LIPI (Shanti, LIPI11-2-Ac148) ← LIPI  
(Shanti & Puspita Lisdiyanti, TTA 02 SDST-5)

Source of sample: Soil

Locality: Savana Mt. Tambora, Dompu Bima,  
West Nusa Tenggara

Cultivation: YSA

***Streptomyces sp.***

InaCC Number: InaCC A496

History: LIPI (Shanti, LIPI11-2-Ac072) ← LIPI  
(Shanti & Puspita Lisdiyanti, TSA01 SDS-01)Source of sample: Soil around *Ziziphus*  
*mauritiana* treeLocality: Satonda Island, Dompu Bima, West  
Nusa Tenggara

Cultivation: YSA

***Streptomyces sp.***

InaCC Number: InaCC A514

History: LIPI (Shanti, LIPI11-2-Ac103) ← LIPI  
(Shanti & Puspita Lisdiyanti, TSA04 SDS-09)

Source of sample: Soil

Locality: Satonda Island, Dompu Bima, West  
Nusa Tenggara

Cultivation: YSA

***Streptomyces sp.***

InaCC Number: InaCC A570

History: LIPI (Shanti, LIPI11-2-Ac161) ← LIPI  
(Shanti & Puspita Lisdiyanti, TTA02 SDS-20)

Source of sample: Soil

Locality: Savana Mt. Tambora, Dompu Bima  
West Nusa Tenggara

Cultivation: YSA

***Streptomyces sp.***

InaCC Number: InaCC A568

History: LIPI (Shanti, LIPI11-2-Ac159) ← LIPI  
(Shanti & Puspita Lisdiyanti, TTA 02 SDST-20)



Source of sample: Soil

Locality: Savana Mt. Tambora, Dompu Bima,  
West Nusa Tenggara

Cultivation: YSA

***Streptomyces* sp.**

InaCC Number: InaCC A533

History: LIPI (Shanti, LIPI11-2-Ac120) ← LIPI  
(Shanti & Puspita Lisdiyanti, TTA 01 SDST-6)

Source of sample: Soil around *Spondias dulcis*  
tree (kedondong)

Locality: Savana Mt. Tambora, Dompu Bima,  
West Nusa Tenggara

Cultivation: YSA

***Streptomyces* sp.**

InaCC Number: InaCC A512

History: LIPI (Shanti, LIPI11-2-Ac098) ← LIPI  
(Shanti & Puspita Lisdiyanti, TSA 04 SDST-2)

Source of sample: Soil

Locality: Satonda Island, Dompu Bima, West  
Nusa Tenggara

Cultivation: YSA

***Streptomyces* sp.**

InaCC Number: InaCC A1096

History: Shanti R (InaCC A1096) ← Shanti R  
(ID03-0503)

Source of sample: Soil under *Diplazium repandum*  
and *Diplazium esculentum*, Eka Karya  
Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces* sp.**

InaCC Number: InaCC A1100

History: Shanti R (InaCC A1100) ← Shanti R  
(ID03-0509)

Source of sample: Soil under *Pinanga coronata*  
(palm) Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces* sp.**

InaCC Number: InaCC A1119

History: Shanti R (InaCC A1119) ← Shanti R  
(ID03-0530)

Source of sample: Soil under fallen leaves  
(*Dacrycarpus imbricatus*), Eka Karya Botanical  
Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces* sp.**

InaCC Number: InaCC A1120

History: Shanti R (InaCC A1120) ← Shanti R  
(ID03-0531)

Source of sample: Soil under *Manglietia glauca*,  
Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces* sp.**

InaCC Number: InaCC A1122

History: Shanti R (InaCC A1122) ← Shanti R  
(ID03-0533)

Source of sample: Soil under *Pittosporum* sp.,  
Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces* sp.**

InaCC Number: InaCC A1139

History: Shanti R (InaCC A1139) ← Shanti R  
(ID006-0455)

Source of sample: Soil, Lombok

Locality: Near the LIPI Oceanography station;  
Gili, Lombok

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces* sp.**

InaCC Number: InaCC A1140

History: Shanti R (InaCC A1140) ← Shanti R  
(ID07-0292)

Source of sample: Soil, Wain River

Locality: Protected forest, Wain River

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces* sp.**

InaCC Number: InaCC A1141  
 History: Shanti R (InaCC A1141) ← Shanti R (ID07-0474)  
 Source of sample: Soil, Wain River  
 Locality: Protected forest, Wain River  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces* sp.**

InaCC Number: InaCC A1142  
 History: Shanti R (InaCC A1142) ← Shanti R (ID07-0480)  
 Source of sample: Litter, Wain River  
 Locality: Protected forest, Wain River  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces* sp.**

InaCC Number: InaCC A1143  
 History: Shanti R (InaCC A1144) ← Shanti R (ID035-1019)  
 Source of sample: Soil under salak (snake fruit) tree, Enrekang Botanical Garden, South Sulawesi  
 Locality: Anggeraja, Enrekang, South Sulawesi  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces spectabilis***

InaCC Number: InaCC A524  
 History: LIPI (Shanti, LIPI11-2-Ac111) ← LIPI (Shanti & Puspita Lisdiyanti, TTA 01 SDS-2)  
 Source of sample: Soil around *Spondias dulcis* tree (kedondong)  
 Locality: Savana Mt. Tambora, Dompu Bima, West Nusa Tenggara  
 Cultivation: YSA

***Streptomyces spectabilis***

InaCC Number: InaCC A562  
 History: LIPI (Shanti, LIPI11-2-Ac149) ← LIPI (Shanti & Puspita Lisdiyanti, TTA 02 SDST-6)  
 Source of sample: Soil  
 Locality: Savana Mt. Tambora, Dompu Bima West Nusa Tenggara  
 Cultivation: YSA

***Streptomyces spiramyceticus***

InaCC Number: InaCC A546  
 History: LIPI (Shanti, LIPI11-2-Ac133) ← LIPI (Shanti & Puspita Lisdiyanti, TTA02 SDS-25)  
 Source of sample: Soil  
 Locality: Savana Mt. Tambora, Dompu Bima West Nusa Tenggara.  
 Cultivation: YSA

***Streptomyces sudanensis***

InaCC Number: InaCC A476  
 History: LIPI (Shanti, LIPI11-2-Ac033) ← LIPI (Shanti & Puspita Lisdiyanti, Cli04 RC-15)  
 Source of sample: Litter of *Macropanaxdis pectum*  
 Locality: Cibodas Botanical Garden, Cipanas, West Java  
 Cultivation: YSA

***Streptomyces teichomyceticus***

InaCC Number: InaCC A100  
 History: LIPI (Arif Nurkanto, A-0158)  
 Source of sample: Soil  
 Locality: East Java  
 Cultivation: YSA

***Streptomyces termitum***

InaCC Number: InaCC A1069  
 History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18BR 1(11))  
 Source of sample: Moss on the surface of decay stone of Borobudur Temple  
 Locality: Magelang Regency, Central Java  
 Cultivation: YSA, pH 7.3, 30°C

***Streptomyces thermocarboxydovorans***

InaCC Number: InaCC A558  
 History: LIPI (Shanti, LIPI11-2-Ac145) ← LIPI (Shanti & Puspita Lisdiyanti, TTA 02 SDST-2)  
 Source of sample: Soil  
 Locality: Savana Mt. Tambora, Dompu Bima West Nusa Tenggara  
 Cultivation: YSA

***Streptomyces thermocarboxydus***

InaCC Number: InaCC A499

History: LIPI (Shanti, LIPI11-2-Ac075) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TSA02 SDS-7)

Source of sample: Soil of dewandaru tree

Locality: Satonda Island, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces thermocyaneomaculatus***

InaCC Number: InaCC A491

History: LIPI (Shanti, LIPI11-2-Ac066) ← LIPI (Shanti &amp; Puspita Lisdiyanti, Ce Se 02 SDST-1)

Source of sample: Hot spring sediment

Locality: Ciseeng hot spring, Bogor, West Java

Cultivation: YSA

***Streptomyces thermodiastaticus***

InaCC Number: InaCC A460

History: LIPI (Shanti, LIPI11-2-Ac001) ← LIPI (Shanti &amp; Puspita Lisdiyanti, CS 05 SDST-3)

Source of sample: Soil around *Chincona* sp. (Rub) tree No.3 II.A.ab West Java

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YSA

***Streptomyces thermodiastaticus***

InaCC Number: InaCC A462

History: LIPI (Shanti, LIPI11-2-Ac006) ← LIPI (Shanti &amp; Puspita Lisdiyanti, CS 11 SDST-2)

Source of sample: Soil around *Cinamom campona*

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YSA

***Streptomyces thermodiastaticus***

InaCC Number: InaCC A463

History: LIPI (Shanti, LIPI11-2-Ac008) ← LIPI (Shanti &amp; Puspita Lisdiyanti, CS 11 SDST-8)

Source of sample: Soil around *Cinamom campona*

Locality: Cibodas Botanical Garden, Cipanas, West Java

Cultivation: YSA

***Streptomyces thermoviolaceus***

InaCC Number: InaCC A585

History: LIPI (Shanti, LIPI11-2-Ac176) ← LIPI (Shanti &amp; Puspita Lisdiyanti, TCA 01 TC-1)

Source of sample: Soil around *Hibiscus tiliaceus* tree (waru)

Locality: Calabai, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces thermoviolaceus* subsp. *apingens***

InaCC Number: InaCC A488

History: LIPI (Shanti, LIPI11-2-Ac062) ← LIPI (Shanti &amp; Puspita Lisdiyanti, GPSe 01 SDST-3)

Source of sample: Hot spring sediment

Locality: Mt. Pancar hot spring, Bogor, West Java

Cultivation: YSA

***Streptomyces tritici***

InaCC Number: InaCC A156

History: LIPI (Arif Nurkanto, DHKSS5.3)

Source of sample: Soil

Locality: South Kalimantan

Cultivation: YSA

***Streptomyces triostinicus***

InaCC Number: InaCC A62

History: LIPI (Arif Nurkanto, A-0152)

Source of sample: Soil

Locality: East Java

Cultivation: YSA

***Streptomyces triostinicus***

InaCC Number: InaCC A94

History: LIPI (Arif Nurkanto, RC W28-2)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Streptomyces tritici***

InaCC Number: InaCC A1079

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18BR 3(8))

Source of sample: Moss on the surface of decay stone of Borobudur Temple

Locality: Magelang Regency, Central Java

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces variabilis***

InaCC Number: InaCC A173

History: LIPI (Arif Nurkanto, DHKSS 5-1)

Source of sample: Soil

Locality: South Kalimantan

Cultivation: YSA

***Streptomyces variabilis***

InaCC Number: InaCC A90

History: LIPI (Arif Nurkanto, RC G2-5)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Streptomyces venezuelae***

InaCC Number: InaCC A1095

History: Shanti R (InaCC A1095) ← Shanti R (ID03-0501)

Source of sample: Soil under *Syzygium polyanthum*, Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces venezuelae***

InaCC Number: InaCC A1099

History: Shanti R (InaCC A1099) ← Shanti R (ID03-0508)

Source of sample: Soil under *Manglietia glauca*, Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces venezuelae***

InaCC Number: InaCC A1108

History: Shanti R (InaCC A1108) ← Shanti R (ID03-0517)

Source of sample: Soil under *Pinanga coronata* (palm), Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces violaceorectus***

InaCC Number: InaCC A1081

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18BR 3(17))

Source of sample: Moss on the surface of decay stone of Borobudur Temple

Locality: Magelang Regency, Central Java

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces violarius***

InaCC Number: InaCC A909

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, EgA235)

Source of sample: Soil around Rosaceae (secondary forest)

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia

Cultivation: YSA, pH 7.2, 30°C

***Streptomyces virginiae***

InaCC Number: InaCC A1114

History: Shanti R (InaCC A1114) ← Shanti R (ID03-0524)

Source of sample: Soil under *Syzygium polyanthum*, Eka Karya Botanical Garden, Bali

Locality: Eka Karya Botanical Garden, Bali

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces viridochromogenes***

InaCC Number: InaCC A70

History: LIPI (Arif Nurkanto, A-0164)

Source of sample: Soil

Locality: East Java

Cultivation: YSA

***Streptomyces wuyanensis***

InaCC Number: InaCC A78

History: LIPI (Arif Nurkanto, RC G2-1)

Source of sample: Soil

Locality: West Papua

Cultivation: YSA

***Streptomyces wuyuanensis***

InaCC Number: InaCC A910

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, EgA33)

Source of sample: Soil around Rosaceae (secondary forest)

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia (5°23'21" S, 102°24'40" E).

Cultivation: YSA, pH 7.2, 30°C

***Streptomyces wuyuanensis***

InaCC Number: InaCC A908

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, EgA260)Source of sample: Soil around *Ficus benjamina* (secondary forest)

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia

Cultivation: YSA, pH 7.2, 30°C

***Streptomyces wuyuanensis***

InaCC Number: InaCC A886

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, EgA394)

Source of sample: Sediment of swamp

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia

Cultivation: YSA, pH 7.2, 30°C

***Streptomyces wuyuanensis***

InaCC Number: InaCC A911

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, EgA34)

Source of sample: Soil around Rosaceae (secondary forest)

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia

Cultivation: YSA, pH 7.2, 30°C

***Streptomyces wuyuanensis***

InaCC Number: InaCC A1083

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, A18BR 3(21))

Source of sample: Moss on the surface of decay stone of Borobudur Temple

Locality: Magelang Regency, Central Java

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces xanthophaeus***

InaCC Number: InaCC A1005

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, SBSSD 3(1))

Source of sample: Fresh water sediment

Locality: Sarambung, Kondokbakaru Village, Mamasa

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces xanthophaeus***

InaCC Number: InaCC A1007

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, SBSSD 3(2))

Source of sample: Fresh water sediment

Locality: Sarambung, Kondokbakaru Village, Mamasa

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces yanglinensis***

InaCC Number: InaCC A907

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, EgA83)Source of sample: Soil around *Terminalia catappa* (secondary forest)

Locality: Enggano Island, North Bengkulu Regency, Bengkulu, Indonesia

Cultivation: YSA, pH 7.2, 30°C

***Streptomyces yanii***

InaCC Number: InaCC A956

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, SMS 4(5))Source of sample: Rhizosphere soil of *Santalum album*

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces yanii***

InaCC Number: InaCC A939

History: Research Center for Biology (RCB)  
LIPI (Ade Lia Putri, SMS 4(6))

Source of sample: Rhizosphere soil of *Santalum album*

Locality: Wanggameti National Park, Sumba Island, East Nusa Tenggara

Cultivation: YSA, pH 7.3, 30°C

***Streptomyces yeochonensis***

InaCC Number: InaCC A536

History: LIPI (Shanti, LIPI11-2-Ac125) ← LIPI (Shanti & Puspita Lisdiyanti, TTA 02 SDS-14)

Source of sample: Soil

Locality: Savana Mt. Tambora, Dompu Bima, West Nusa Tenggara

Cultivation: YSA

***Streptomyces yeochonensis* (84%)**

InaCC Number: InaCC A538

History: LIPI (Shanti, LIPI11-2-Ac125) ← LIPI (Shanti & Puspita Lisdiyanti, TTA 02 SDS-14)

Source of sample: Soil

Locality: Savana Mt. Tambora, Dompu Bima, West Nusa Tenggara.

Cultivation: YSA

***Streptomyces zhihengii***

InaCC Number: InaCC A1071

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, A18BR 2(6))

Source of sample: Moss on the surface of decay stone of Borobudur Temple

Locality: Magelang Regency, Central Java

Cultivation: YSA, pH 7.3, 30°C

***Streptosporangium amethystogenes* subsp. *fukiense***

InaCC Number: InaCC A1042

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SBS 7(7))

Source of sample: Soil

Locality: Sarambung, Kondokbakaru Village, Mamasa

Cultivation: YSA, pH 7.3, 30°C

***Streptosporangium algeriense***

InaCC Number: InaCC A1021

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SASS 5(11))

Source of sample: Karst

Locality: Air Pinang Village, East Simeulue

Cultivation: YSA, pH 7.3, 30°C

***Streptosporangium subroseum***

InaCC Number: InaCC A1041

History: Research Center for Biology (RCB) LIPI (Ade Lia Putri, SBS 7(4))

Source of sample: Soil

Locality: Sarambung, Kondokbakaru Village, Mamasa

Cultivation: YSA, pH 7.3, 30°C

***Tropicihabitans flavus***

InaCC Number: InaCC A517

History: LIPI (Arif Nurkanto & Moriyuki Hamada, LIPI13-2-Ac134) ← LIPI (Moriyuki Hamada, JSAT13-2-Ac134, RS-7-1)

Source of sample: Sea sediment

Locality: DKI Jakarta

Cultivation: TSA

***Tropicihabitans flavus***

InaCC Number: InaCC A516

History: LIPI (Arif Nurkanto & Moriyuki Hamada, LIPI13-2-Ac083) ← LIPI (Moriyuki Hamada, JSAT13-2-Ac083, PS-14-16)

Source of sample: Rhizosphere sediment of mangrove

Locality: DKI Jakarta

Cultivation: TSA

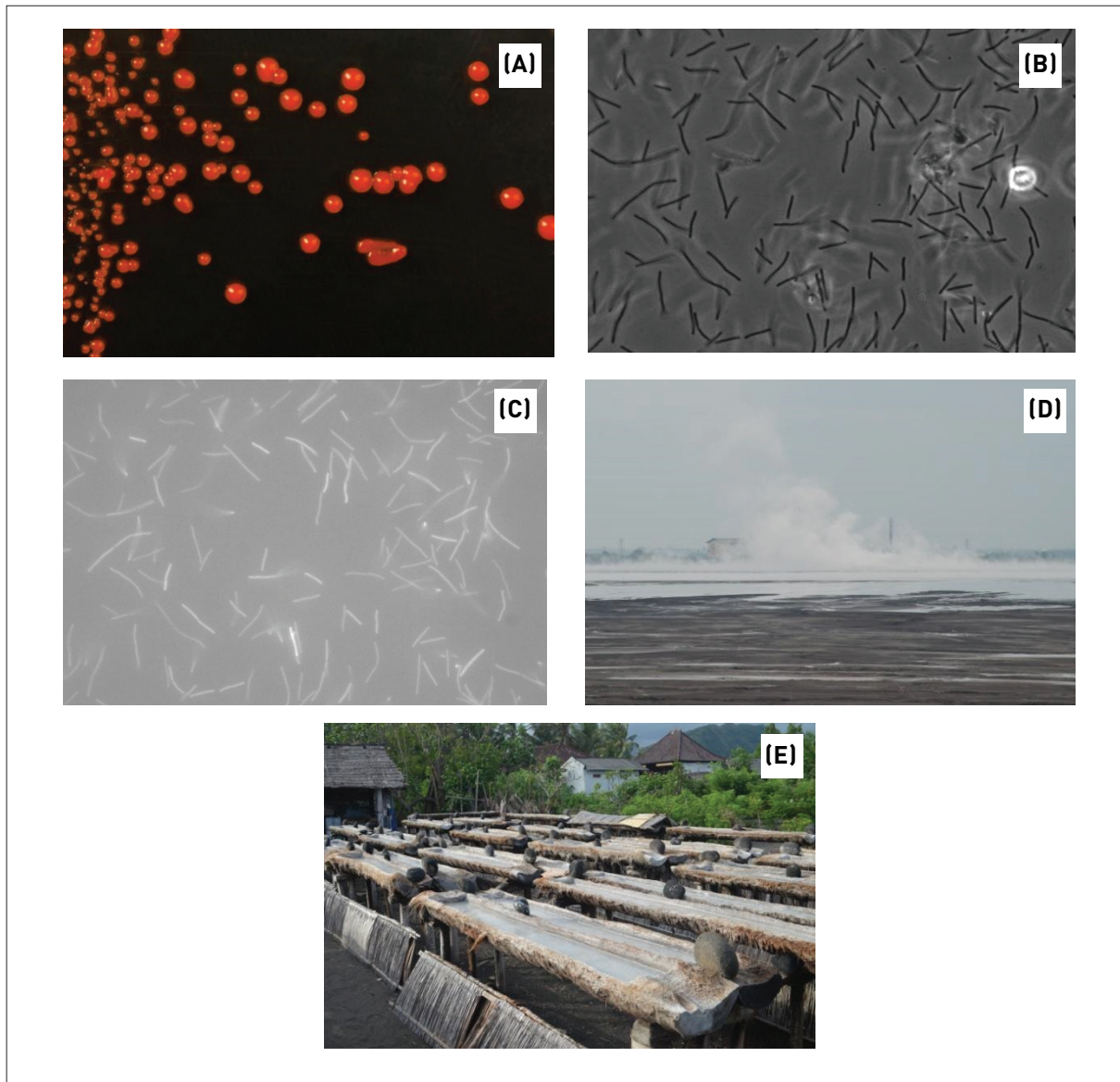


## ARCHAEA

Archaea and bacteria are generally similar in morphology (size and shape of cells), although a few archaea have very strange shapes. Despite the morphological similarity to bacteria, archaea genes and several metabolic pathways are more closely related to eukaryotes, notably the enzymes involved in transcription and translation. Because of these differences, researchers decided that they deserved their own special branch on the great family tree of life, namely a branch called the Archaea.

There are three main types of archaea: the Euryarchaeota, which include methane-producers and salt-lovers; the Crenarchaeota, which are characterized by their ability to tolerate extreme temperature and acidity; and the Korarchaeota, a catch-all group for archaeans about which very little is known. Among these three main types of archaea, there are some subtypes, which include Methanogens, archaeans that produce methane gas as a waste product of their "digestion," or process of making energy; Halophiles, archaeans that live in salty environments; Thermophiles, archaeans that live at extremely hot temperatures; and Psychrophiles, archaeans that live at extremely cold temperatures.





Note:

(A) InaCC haloarchaea colony

(B) InaCC haloarchaea collection

(C) InaCC methanogenic archaea viewed under microscope

(D) Mud flow in Porong, Sidoarjo, East Java, extreme environment as suitable location for sampling archaea

(E) Salt factory in Bali, use palm trunk as reservoir for salt crystallization, sample source for isolating new species of *Halobium palmae* InaCC Ar34<sup>T</sup>

Source: Archaea Laboratory, InaCC; (A) 2018; (B), (C) 2015; (D) (E) 2013

**Figure 1.6** Diversity of Archaea Collected in InaCC

## LIST OF ARCHAEA

### *Acidianus manzaensis*

InaCC Number: InaCC **Ar86**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), 18B-E01

Source of sample: Water & sediment of hot spring

Locality: Rengganis Crater, Ciwidey

Cultivation: Modified 281, 75°C

Source of sample: Water & sediment of solar saltern

Locality: Pasinggahan, Bali, Indonesia

Cultivation: Halo 2c\*, 30°C

### *Anoxybacillus kamchatkensis*

InaCC Number: InaCC **Ar87**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), 21A-E01

Source of sample: Water & sediment of hot spring

Locality: Red Crater, Mt. Pancar

Cultivation: 1104 gelrite, 60°C

### *Haladaptatus paucihalophilus*

InaCC Number: InaCC **Ar50**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar032 ← LIPI (D.A. Nurcahyanto, 22-2b-1)

Source of sample: Water & sediment of solar saltern

Locality: Bangkalan, Madura, Indonesia

Cultivation: Halo 2b\*, 30°C

### *Haladaptatus litoreus*

InaCC Number: InaCC **Ar49**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar165 ← LIPI (D.A. Nurcahyanto, 1c\_58\_2)

Source of sample: Water & sediment of solar saltern

Locality: Kubu, Bali, Indonesia

Cultivation: Halo 1c\*, 30°C

### *Haladaptatus sp.*

InaCC Number: InaCC **Ar33**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar104 ← LIPI (D.A. Nurcahyanto, 1b\_37\_2)

Source of sample: Water & sediment of salt factory

Locality: Denpasar, Bali, Indonesia

Cultivation: Halo 1b\*, 30°C

### *Haladaptatus paucihalophilus*

InaCC Number: InaCC **Ar51**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar182 ← LIPI (D.A. Nurcahyanto, 2c\_61\_1)

### *Halalkalicoccus paucihalophilus*

InaCC Number: InaCC **Ar48**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar102 ← LIPI (D.A. Nurcahyanto, 1a\_37)

Source of sample: Water & sediment of salt factory

Locality: Denpasar, Bali, Indonesia

Cultivation: Halo 1a\*, 30°C

***Halarchaeum grantii***

InaCC Number: InaCC **Ar107**

History: LIPI (R. Setiawan), Ar011

Source of sample: Salt crystal

Locality: Mamuju, Sulawesi, Indonesia

Cultivation: 23% MGM, 27-30°C

***Haloarchaeobius baliensis***

InaCC Number: InaCC **Ar2**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar181 ← LIPI (D.A. Nurcahyanto, 2b\_61\_3)

Source of sample: Water & sediment of solar saltern

Locality: Pasinggahan, Bali, Indonesia

Cultivation: Halo 2b\*, 30°C

***Haloarcula* sp.**

InaCC Number: InaCC **Ar39**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar047 ← LIPI (D.A. Nurcahyanto, 2a\_26\_1)

Source of sample: Water & sediment of solar saltern

Locality: Pamekasan, Madura, Indonesia

Cultivation: Halo 2a\*, 30°C

***Haloarcula* sp.**

InaCC Number: InaCC **Ar40**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar042 ← LIPI (D.A. Nurcahyanto, 2a\_23\_2)

Source of sample: Water & sediment of solar saltern

Locality: Sumenep, Madura, Indonesia

Cultivation: Halo 2a\*, 30°C

***Halobacteriaceae* sp.**

InaCC Number: InaCC **Ar1**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar133 ← LIPI (D.A. Nurcahyanto, 2c\_43\_2)

Source of sample: Coconut fiber of solar saltern

Locality: Dawan, Bali, Indonesia

Cultivation: Halo 2c\*, 30°C

***Halobacteriaceae* sp.**

InaCC Number: InaCC **Ar38**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar145 ← LIPI (D.A. Nurcahyanto, 2b\_46\_2)

Source of sample: Coconut fiber of solar saltern

Locality: Dawan, Bali, Indonesia

Cultivation: Halo 2b\*, 30°C

***Halobacteriaceae* sp.**

InaCC Number: InaCC **Ar37**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar122 ← LIPI (D.A. Nurcahyanto, 1a\_43\_2)

Source of sample: Coconut fiber of solar saltern

Locality: Dawan, Bali, Indonesia

Cultivation: Halo 1a\*, 30°C

***Halobacteriaceae* sp.**

InaCC Number: InaCC **Ar36**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar168 ← LIPI (D.A. Nurcahyanto, 2b\_58\_2)

Source of sample: Water & sediment of solar saltern

Locality: Kubu, Bali, Indonesia

Cultivation: Halo 2b\*, 30°C

***Halobacteriaceae* sp.**

InaCC Number: InaCC **Ar35**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar066 ← LIPI (D.A. Nurcahyanto, 1b\_35\_4)

Source of sample: Water & sediment of salt factory

Locality: Denpasar, Bali, Indonesia

Cultivation: Halo 1b\*, 30°C

***Halobacteriaceae* sp.**InaCC Number: InaCC **Ar3**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar198 ← LIPI (D.A. Nurcahyanto, 2c\_62\_2)

Source of sample: Salt &amp; Coconut fiber of solar saltern

Locality: Pasinggahan, Bali, Indonesia

Cultivation: Halo 2c\*, 30°C

***Halobaculum* sp.**InaCC Number: InaCC **Ar53**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar103 ← LIPI (D.A. Nurcahyanto, 1b\_37\_1)

Source of sample: Water &amp; sediment of salt factory

Locality: Denpasar, Bali, Indonesia

Cultivation: Halo 1b\*, 30°C

***Halobium palmae***InaCC Number: InaCC **Ar34**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar157 ← LIPI (D.A. Nurcahyanto, 2a\_47\_2)

Source of sample: Coconut fiber of solar saltern

Locality: Dawan, Bali, Indonesia

Cultivation: Halo 2a\*, 30°C

***Halococcus agarilyticus***InaCC Number: InaCC **Ar108**

History: LIPI (R. Setiawan), SB028

Source of sample: Salt crystal

Locality: Mamuju, Sulawesi, Indonesia

Cultivation: 23% MGM, 27-30°C

***Halococcus agarilyticus***InaCC Number: InaCC **Ar110**

History: LIPI (R. Setiawan), SB032

Source of sample: Salt crystal

Locality: Mamuju, Sulawesi, Indonesia

Cultivation: 23% MGM, 27-30°C

***Halococcus hamelinensis***InaCC Number: InaCC **Ar21**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar073 ← LIPI (D.A. Nurcahyanto, 2b\_35\_2)

Source of sample: Water &amp; sediment of salt factory

Locality: Denpasar, Bali, Indonesia

Cultivation: Halo 2b\*, 30°C

***Halococcus hamelinensis***InaCC Number: InaCC **Ar22**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar110 ← LIPI (D.A. Nurcahyanto, 42\_2)

Source of sample: Water of solar saltern

Locality: Dawan, Bali, Indonesia

Cultivation: Halo No 3\*, 30°C

***Halococcus hamelinensis***InaCC Number: InaCC **Ar23**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar121 ← LIPI (D.A. Nurcahyanto, 1a\_43\_1)

Source of sample: Coconut fiber of solar saltern

Locality: Dawan, Bali, Indonesia

Cultivation: Halo 1a\*, 30°C

***Halococcus hamelinensis***InaCC Number: InaCC **Ar24**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar128 ← LIPI (D.A. Nurcahyanto, 2a\_43\_2)

Source of sample: Coconut fiber of solar saltern

Locality: Dawan, Bali, Indonesia

Cultivation: Halo 2a\*, 30°C

***Halococcus hamelinensis***InaCC Number: InaCC **Ar25**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar139 ← LIPI (D.A. Nurcahyanto, 1c\_46\_1)

Source of sample: Coconut fiber of solar saltern

Locality: Dawan, Bali, Indonesia

Cultivation: Halo 1c\*, 30°C

***Halococcus hamelinensis***InaCC Number: InaCC **Ar26**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar170 ← LIPI (D.A. Nurcahyanto, 2c\_58\_1)

Source of sample: Water &amp; sediment of solar saltern

Locality: Kubu, Bali, Indonesia

Cultivation: Halo 2c\*, 30°C

***Halococcus hamelinensis***InaCC Number: InaCC **Ar27**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar177 ← LIPI (D.A. Nurcahyanto, 2a\_61\_2)

Source of sample: Water &amp; sediment of solar saltern

Locality: Pasinggahan, Bali, Indonesia

Cultivation: Halo 2a\*, 30°C

***Halococcus hamelinensis***InaCC Number: InaCC **Ar28**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar203 ← LIPI (D.A. Nurcahyanto, 1b\_64\_1)

Source of sample: Coconut fiber of solar saltern

Locality: Pasinggahan, Bali, Indonesia

Cultivation: Halo 1b\*, 30°C

***Halococcus hamelinensis***InaCC Number: InaCC **Ar41**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar071 ← LIPI (D.A. Nurcahyanto, 2a\_35\_4)

Source of sample: Water &amp; sediment of salt factory

Locality: Denpasar, Bali, Indonesia

Cultivation: Halo 2a\*, 30°C

***Halococcus hamelinensis***InaCC Number: InaCC **Ar105**

History: LIPI (R. Setiawan), Ar004

Source of sample: Salt crystal

Locality: Mamuju, Sulawesi, Indonesia

Cultivation: 23% MGM, 27-30°C

***Halococcus morrhuae***InaCC Number: InaCC **Ar106**

History: LIPI (R. Setiawan) Ar006

Source of sample: Salt crystal

Locality: Mamuju, Sulawesi, Indonesia

Cultivation: 23% MGM, 27-30°C

***Halococcus morrhuae***InaCC Number: InaCC **Ar109**

History: LIPI (R. Setiawan), SB031

Source of sample: Salt crystal

Locality: Mamuju, Sulawesi, Indonesia

Cultivation: 23% MGM, 27-30°C

***Halococcus saccharolyticus***InaCC Number: InaCC **Ar42**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar069 ← LIPI (D.A. Nurcahyanto, 2a\_35\_2)

Source of sample: Water &amp; sediment of salt factory

Locality: Denpasar, Bali, Indonesia

Cultivation: Halo 2a\*, 30°C

***Halococcus saccharolyticus***InaCC Number: InaCC **Ar43**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar092 ← LIPI (D.A. Nurcahyanto, 2a\_36\_1)

Source of sample: Water &amp; sediment of salt factory

Locality: Denpasar, Bali, Indonesia

Cultivation: Halo 2a\*, 30°C

***Halococcus saccharolyticus***InaCC Number: InaCC **Ar44**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar143 ← LIPI (D.A. Nurcahyanto, 2a\_46\_3)

Source of sample: Coconut fiber of solar saltern

Locality: Dawan, Bali, Indonesia

Cultivation: Halo 2a\*, 30°C

***Halococcus saccharolyticus***

InaCC Number: InaCC **Ar45**  
 History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar210 ← LIPI (D.A. Nurcahyanto, 2b\_64\_2)  
 Source of sample: Coconut fiber of solar saltern  
 Locality: Pasinggahan, Bali, Indonesia  
 Cultivation: Halo 2b\*, 30°C

***Halococcus salifodinae***

InaCC Number: InaCC **Ar31**  
 History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar134 ← LIPI (D.A. Nurcahyanto, 46)  
 Source of sample: Coconut fiber of solar saltern  
 Locality: Dawan, Bali, Indonesia  
 Cultivation: Halo No 3\*, 30°C

***Halococcus sasaccharolyticus***

InaCC Number: InaCC **Ar32**  
 History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar180 ← LIPI (D.A. Nurcahyanto, 2b\_61\_2)  
 Source of sample: Water & sediment of solar saltern  
 Locality: Pasinggahan, Bali, Indonesia  
 Cultivation: Halo 2b\*, 30°C

***Halococcus sp.***

InaCC Number: InaCC **Ar30**  
 History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar183 ← LIPI (D.A. Nurcahyanto, 2c\_61\_2)  
 Source of sample: Water & sediment of solar saltern  
 Locality: Pasinggahan, Bali, Indonesia  
 Cultivation: Halo 2c\*, 30°C

***Halococcus sp.***

InaCC Number: InaCC **Ar29**  
 History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar119 ← LIPI (D.A. Nurcahyanto, 43\_1)  
 Source of sample: Coconut fiber of solar saltern  
 Locality: Dawan, Bali, Indonesia  
 Cultivation: Halo No 3\*, 30°C

***Halococcus sp.***

InaCC Number: InaCC **Ar92**  
 History: LIPI (D.A. Nurcahyanto), 1168KRST-1-Ar1 ← LIPI (D.A. Nurcahyanto, 1168KRST-1)  
 Source of sample: Mud of bat's dung  
 Locality: Ngeleng Cave, Gunung Kidul Regency, Indonesia  
 Cultivation: 1168, pH 7, anaerobe, 30°C

***Halococcus thailandensis***

InaCC Number: InaCC **Ar46**  
 History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar099 ← LIPI (D.A. Nurcahyanto, 2c\_36\_4)  
 Source of sample: Water & sediment of salt factory  
 Locality: Denpasar, Bali, Indonesia  
 Cultivation: Halo 2c\*, 30°C

***Halococcus thailandensis***

InaCC Number: InaCC **Ar111**  
 History: LIPI (R. Setiawan), SB034  
 Source of sample: Salt crystal  
 Locality: Mamuju, Sulawesi, Indonesia  
 Cultivation: 23% MGM, 27-30°C

***Haloferax prahovense***

InaCC Number: InaCC **Ar56**  
 History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar058 ← LIPI (D.A. Nurcahyanto, 2a\_31\_1)  
 Source of sample: Water & sediment of solar saltern  
 Locality: Pamekasan, Madura, Indonesia  
 Cultivation: Halo 2a\*, 30°C

***Haloferax sp.***

InaCC Number: InaCC **Ar54**  
 History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar056 ← LIPI (D.A. Nurcahyanto, 1a\_31\_1)  
 Source of sample: Water & sediment of solar saltern  
 Locality: Pamekasan, Madura, Indonesia  
 Cultivation: Halo 1a\*, 30°C

***Haloferax* sp.**InaCC Number: InaCC **Ar82**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), 1A

Source of sample: Water &amp; sediment of sea water

Locality: Indramayu, West Java, Indonesia

Cultivation: Halo No 3\*, 40°C

***Haloferax* sp.**InaCC Number: InaCC **Ar83**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), 1B

Source of sample: Water &amp; sediment of sea water

Locality: Indramayu, West Java, Indonesia

Cultivation: Halo No 3\*, 40°C

***Haloferax* sp.**InaCC Number: InaCC **Ar84**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), 2A

Source of sample: Water &amp; sediment of sea water

Locality: Indramayu, West Java, Indonesia

Cultivation: Halo No 3\*, 40°C

***Haloferax* sp.**InaCC Number: InaCC **Ar85**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), 2B

Source of sample: Water &amp; sediment of sea water

Locality: Indramayu, West Java, Indonesia

Cultivation: Halo No 3\*, 40°C

***Haloferax sulfurifontis***InaCC Number: InaCC **Ar55**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar101 ← LIPI (D.A. Nurcahyanto, 37\_2)

Source of sample: Water &amp; sediment of salt factory

Locality: Denpasar, Bali, Indonesia

Cultivation: Halo No 3\*, 30°C

***Halogeometricum rufum***InaCC Number: InaCC **Ar59**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar052 ← LIPI (D.A. Nurcahyanto, 2a\_28\_2)

Source of sample: Water &amp; sediment of solar saltern

Locality: Pamekasan, Madura, Indonesia

Cultivation: Halo 2a\*, 30°C

***Halogeometricum rufum***InaCC Number: InaCC **Ar58**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar189 ← LIPI (D.A. Nurcahyanto, 1b\_62\_4)

Source of sample: Salt &amp; Coconut fiber of solar saltern

Locality: Pasinggahan, Bali, Indonesia

Cultivation: Halo 1b\*, 30°C

***Halogeometricum rufum***InaCC Number: InaCC **Ar57**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar192 ← LIPI (D.A. Nurcahyanto, 1c\_62\_2)

Source of sample: Salt &amp; coconut fiber of solar saltern

Locality: Pasinggahan, Bali, Indonesia

Cultivation: Halo 1c\*, 30°C

***Halogeometricum rufum***InaCC Number: InaCC **Ar60**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar190 ← LIPI (D.A. Nurcahyanto, 1b\_62\_5)

Source of sample: Salt &amp; Coconut fiber of solar saltern

Locality: Pasinggahan, Bali, Indonesia

Cultivation: Halo 1b\*, 30°C

***Halogramum amylolyticum***InaCC Number: InaCC **Ar71**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar167 ← LIPI (D.A. Nurcahyanto, 2b\_58\_1)

Source of sample: Water & sediment of solar saltern

Locality: Kubu, Bali, Indonesia

Cultivation: Halo 2b\*, 30°C

***Halogramum gelatinilyticum***

InaCC Number: InaCC **Ar62**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar053 ← LIPI (D.A. Nurcahyanto, 2a\_30\_1)

Source of sample: Water & sediment of solar saltern

Locality: Pamekasan, Madura, Indonesia

Cultivation: Halo 2a\*, 30°C

***Halogramum gelatinilyticum***

InaCC Number: InaCC **Ar61**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar045 ← LIPI (D.A. Nurcahyanto, 2a\_24\_3)

Source of sample: Water & sediment of solar saltern

Locality: Sumenep, Madura, Indonesia

Cultivation: Halo 2a\*, 30°C

***Halogramum rubrum***

InaCC Number: InaCC **Ar65**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar031 ← LIPI (D.A. Nurcahyanto, 22-1b-1)

Source of sample: Water & sediment of solar saltern

Locality: Bangkalan, Madura, Indonesia

Cultivation: Halo 1b\*, 30°C

***Halogramum rubrum***

InaCC Number: InaCC **Ar70**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar088 ← LIPI (D.A. Nurcahyanto, 1b\_36\_5)

Source of sample: Water & sediment of salt factory

Locality: Denpasar, Bali, Indonesia

Cultivation: Halo 1b\*, 30°C

***Halogramum rubrum***

InaCC Number: InaCC **Ar69**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar025 ← LIPI (D.A. Nurcahyanto, 11-2c-4)

Source of sample: Water and sediment of mud volcano

Locality: Mindi District, Sidoarjo, Indonesia

Cultivation: Halo 2c\*, 30°C

***Halogramum rubrum***

InaCC Number: InaCC **Ar68**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar089 ← LIPI (D.A. Nurcahyanto, 1c\_36\_1)

Source of sample: Water & sediment of salt factory

Locality: Denpasar, Bali, Indonesia

Cultivation: Halo 1c\*, 30°C

***Halogramum rubrum***

InaCC Number: InaCC **Ar66**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar037 ← LIPI (D.A. Nurcahyanto, 1a\_23\_1)

Source of sample: Water & sediment of solar saltern

Locality: Sumenep, Madura, Indonesia

Cultivation: Halo 1a\*, 30°C

***Halogramum rubrum***

InaCC Number: InaCC **Ar64**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar164 ← LIPI (D.A. Nurcahyanto, 1c\_58\_1)

Source of sample: Water & sediment of solar saltern

Locality: Kubu, Bali, Indonesia

Cultivation: Halo 1c\*, 30°C

***Halogramum rubrum***

InaCC Number: InaCC **Ar63**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar023 ← LIPI (D.A. Nurcahyanto, 2c\_11\_1)



Source of sample: Water & sediment of mud volcano

Locality: Mindi District, Sidoarjo, Indonesia

Cultivation: Halo 2c\*, 30°C

***Halogramum rubrum***

InaCC Number: InaCC Ar67

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar054 ← LIPI (D.A. Nurcahyanto, 2a\_30\_2)

Source of sample: Water & sediment of solar saltern

Locality: Pamekasan, Madura, Indonesia

Cultivation: Halo 2a\*, 30°C

***Halomarina oriensis***

InaCC Number: InaCC Ar47

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar151 ← LIPI (D.A. Nurcahyanto, 1a\_47\_2)

Source of sample: Coconut fiber of solar saltern

Locality: Dawan, Bali, Indonesia

Cultivation: Halo 1a\*, 30°C

***Halorubrum xinjiangense***

InaCC Number: InaCC Ar52

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar046 ← LIPI (D.A. Nurcahyanto, 2a\_24\_4)

Source of sample: Water & sediment of solar saltern

Locality: Sumenep, Madura, Indonesia

Cultivation: Halo 2a\*, 30°C

***Halostagnicola kamekurae***

InaCC Number: InaCC Ar12

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar068 ← LIPI (D.A. Nurcahyanto, 2a\_35\_1)

Source of sample: Water & sediment of salt factory

Locality: Denpasar, Bali, Indonesia

Cultivation: Halo 2a\*, 30°C

***Halostagnicola kamekurae***

InaCC Number: InaCC Ar14

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar062 ← LIPI (D.A. Nurcahyanto, 1a\_35)

Source of sample: Water & sediment of salt factory

Locality: Denpasar, Bali, Indonesia

Cultivation: Halo 1a\*, 30°C

***Halostagnicola kamekurae***

InaCC Number: InaCC Ar13

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar038 ← LIPI (D.A. Nurcahyanto, 1a\_23\_2)

Source of sample: Water & sediment of solar saltern

Locality: Sumenep, Madura, Indonesia

Cultivation: Halo 1a\*, 30°C

***Halostagnicola larsenii***

InaCC Number: InaCC Ar11

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar179 ← LIPI (D.A. Nurcahyanto, 2b\_61\_1)

Source of sample: Water & sediment of solar saltern

Locality: Pasinggahan, Bali, Indonesia

Cultivation: Halo 2b\*, 30°C

***Haloterrigena hispanica***

InaCC Number: InaCC Ar18

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar036 ← LIPI (D.A. Nurcahyanto, 2c\_22\_2)

Source of sample: Water & sediment of solar saltern

Locality: Bangkalan, Madura, Indonesia

Cultivation: Halo 2c\*, 30°C

***Haloterrigena hispanica***

InaCC Number: InaCC Ar17

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar051 ← LIPI (D.A. Nurcahyanto, 2a\_28\_1)

Source of sample: Water & sediment of solar saltern

Locality: Pamekasan, Madura, Indonesia

Cultivation: Halo 2a\*, 30°C

***Haloterrigena salina***

InaCC Number: InaCC **Ar4**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar095 ← LIPI (D.A. Nurcahyanto, 2b\_36\_2)

Source of sample: Water & sediment of salt factory

Locality: Denpasar, Bali, Indonesia

Cultivation: Halo 2b\*, 30°C

***Haloterrigena sp.***

InaCC Number: InaCC **Ar9**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar173 ← LIPI (D.A. Nurcahyanto, 1b\_61\_1)

Source of sample: Water & sediment of solar saltern

Locality: Pasinggahan, Bali, Indonesia

Cultivation: Halo 1b\*, 30°C

***Haloterrigena sp.***

InaCC Number: InaCC **Ar8**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar171 ← LIPI (D.A. Nurcahyanto, 2c\_58\_2)

Source of sample: Water & sediment of solar saltern

Locality: Kubu, Bali, Indonesia

Cultivation: Halo 2c\*, 30°C

***Haloterrigena sp.***

InaCC Number: InaCC **Ar19**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar035 ← LIPI (D.A. Nurcahyanto, 2c\_22\_1)

Source of sample: Water & sediment of solar saltern

Locality: Bangkalan, Madura, Indonesia

Cultivation: Halo 2c\*, 30°C

***Haloterrigena sp.***

InaCC Number: InaCC **Ar16**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar055 ← LIPI (D.A. Nurcahyanto, 2a\_30\_3)

Source of sample: Water & sediment of solar saltern

Locality: Pamekasan, Madura, Indonesia

Cultivation: Halo 2a\*, 30°C

***Haloterrigena sp.***

InaCC Number: InaCC **Ar15**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar105 ← LIPI (D.A. Nurcahyanto, 1b\_37\_3)

Source of sample: Water & sediment of salt factory

Locality: Denpasar, Bali, Indonesia

Cultivation: Halo 1b\*, 30°C

***Haloterrigena sp.***

InaCC Number: InaCC **Ar20**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar065 ← LIPI (D.A. Nurcahyanto, 1b\_35\_3)

Source of sample: Water & sediment of salt factory

Locality: Denpasar, Bali, Indonesia

Cultivation: Halo 1b\*, 30°C

***Haloterrigena thermotolerans***

InaCC Number: InaCC **Ar7**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar081 ← LIPI (D.A. Nurcahyanto, 36\_3)

Source of sample: Water & sediment of salt factory

Locality: Denpasar, Bali, Indonesia

Cultivation: Halo No 3\*, 30°C

***Methanimicrococcus blatticola***

InaCC Number: InaCC **Ar99**

History: LIPI (D.A. Nurcahyanto), 860KRST-1-Ar3 ← LIPI (D.A. Nurcahyanto, 860KRST-1)

Source of sample: Mud of bat's dung

Locality: Ngeleng Cave, Gunung Kidul Regency, Indonesia

Cultivation: 860, pH 7, anaerobe, 30°C

***Methanobacterium congolense***

InaCC Number: InaCC **Ar75**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar005c10

Source of sample: Water & sediment of methane emission site

Locality: Bekucuk, Tempuran, East Java, Indonesia

Cultivation: 1067\*, 30°C

***Methanobacterium palustre***

InaCC Number: InaCC **Ar74**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar004c04

Source of sample: Water & sediment of Sidoarjo mud volcano

Locality: Mindi District, East Java, Indonesia

Cultivation: 1067\*, 30°C

***Methanobacterium sp.***

InaCC Number: InaCC **Ar72**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar001c01

Source of sample: Water & sediment of methane emission site

Locality: Metatu, East Java, Indonesia

Cultivation: 1067\*, 30°C

***Methanobacterium sp.***

InaCC Number: InaCC **Ar73**

History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar002c02

Source of sample: Water & sediment of methane emission site

Locality: Metatu, East Java, Indonesia

Cultivation: 1067\*, 30°C

***Methanobacterium sp.***

InaCC Number: InaCC **Ar94**

History: LIPI (D.A. Nurcahyanto), 1168KRST-5-Ar1 ← LIPI (D.A. Nurcahyanto, 1168KRST-5)

Source of sample: Water & sediment

Locality: Sinden Cave, Gunung Kidul Regency, Indonesia

Cultivation: 1168, pH 7, anaerobe, 30°C

***Methanocella sp.***

InaCC Number: InaCC **Ar95**

History: LIPI (D.A. Nurcahyanto), 1168KRST-5-Ar2 ← LIPI (D.A. Nurcahyanto, 1168KRST-5)

Source of sample: Water & sediment

Locality: Sinden Cave, Gunung Kidul Regency, Indonesia

Cultivation: 1168, pH 7, anaerobe, 30°C

***Methanoculleus sp.***

InaCC Number: InaCC **Ar96**

History: LIPI (D.A. Nurcahyanto), 1168KRST-1-Ar2 ← LIPI (D.A. Nurcahyanto, 1168KRST-1)

Source of sample: Mud of bat's dung

Locality: Ngeleng Cave, Gunung Kidul Regency, Indonesia

Cultivation: 1168, pH 7, anaerobe, 30°C

***Methanoculleus chikugoensis***

InaCC Number: InaCC **Ar112**

History: LIPI (D.A. Nurcahyanto), 860KRST-10\_1 ← LIPI (D.A. Nurcahyanto, 860KRST-10)

Source of sample: Water of karst river

Locality: Kiskendo Cave, Kulon Progo, Indonesia

Cultivation: 860, pH 7, anaerobe, 30°C

***Methanoculleus horonobensis***

InaCC Number: InaCC **Ar114**

History: LIPI (D.A. Nurcahyanto), 1168KRST-10\_1 ← LIPI (D.A. Nurcahyanto, 1168KRST-10)

Source of sample: Water of karst river

Locality: Kiskendo Cave, Kulon Progo, Indonesia

Cultivation: 1168, pH 7, anaerobe, 30°C

***Methanoculleus marisnigri***

InaCC Number: InaCC **Ar115**

History: LIPI (D.A. Nurcahyanto), 1168KRST-10\_2 ← LIPI (D.A. Nurcahyanto, 1168KRST-10)

Source of sample: Water of karst river

Locality: Kiskendo Cave, Kulon Progo, Indonesia  
Cultivation: 1168, pH 7, anaerobe, 30°C

***Methanoculleus palmolei***

InaCC Number: InaCC **Ar113**  
History: LIPI (D.A. Nurcahyanto), 860KRST-10\_2 ← LIPI (D.A. Nurcahyanto, 860KRST-10)  
Source of sample: Water of karst river  
Locality: Kiskendo Cave, Kulon Progo, Indonesia  
Cultivation: 860, pH 7, anaerobe, 30°C

***Methanoculleus sediminis***

InaCC Number: InaCC **Ar116**  
History: LIPI (D.A. Nurcahyanto), 1168KRST-10\_3 ← LIPI (D.A. Nurcahyanto, 1168KRST-10)  
Source of sample: Water of karst river  
Locality: Kiskendo Cave, Kulon Progo, Indonesia  
Cultivation: 1168, pH 7, anaerobe, 30°C

***Methanococcus maripaludis***

InaCC Number: InaCC **Ar77**  
History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar009c05  
Source of sample: Water & sediment of Sidoarjo mud volcano  
Locality: Mindi District, East Java, Indonesia  
Cultivation: AP15MH\*, 30°C

***Methanomassiliicoccus sp.***

InaCC Number: InaCC **Ar102**  
History: LIPI (D.A. Nurcahyanto), 1168KRST-5-Ar4 ← LIPI (D.A. Nurcahyanto, 1168KRST-5)  
Source of sample: Water and sediment  
Locality: Sinden Cave, Gunung Kidul Regency, Indonesia  
Cultivation: 1168, pH 7, anaerobe, 30°C

***Methanomethylovorans sp.***

InaCC Number: InaCC **Ar100**  
History: LIPI (D.A. Nurcahyanto), 860KRST-1-Ar4 ← LIPI (D.A. Nurcahyanto, 860KRST-1)  
Source of sample: Mud of bat's dung  
Locality: Ngeleng Cave, Gunung Kidul Regency, Indonesia  
Cultivation: 860, pH 7, anaerobe, 30°C

***Methanoplanus limicola***

InaCC Number: InaCC **Ar76**  
History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar008c02  
Source of sample: Water & sediment of Sidoarjo mud volcano  
Locality: Mindi District, East Java, Indonesia  
Cultivation: AP15MH\*, 30°C

***Methanosaeta sp.***

InaCC Number: InaCC **Ar98**  
History: LIPI (D.A. Nurcahyanto), 1168KRST-5-Ar3 ← LIPI (D.A. Nurcahyanto, 1168KRST-5)  
Source of sample: Water and sediment  
Locality: Ngeleng Cave, Gunung Kidul Regency, Indonesia  
Cultivation: 1168, pH 7, anaerobe, 30°C

***Methanosarcina sp.***

InaCC Number: InaCC **Ar101**  
History: LIPI (D.A. Nurcahyanto), 1168KRST-1-Ar3 ← LIPI (D.A. Nurcahyanto, 1168KRST-1)  
Source of sample: Mud of bat's dung  
Locality: Ngeleng Cave, Gunung Kidul Regency, Indonesia  
Cultivation: 1168, pH 7, anaerobe, 30°C

***Methanospirillum sp.***

InaCC Number: InaCC **Ar97**  
History: LIPI (D.A. Nurcahyanto), 860KRST-1-Ar2 ← LIPI (D.A. Nurcahyanto, 860KRST-1)  
Source of sample: Mud of bat's dung  
Locality: Ngeleng Cave, Gunung Kidul Regency, Indonesia  
Cultivation: 860, pH 7, anaerobe, 30°C

***Methanothermobacter themautotrophicus***

InaCC Number: InaCC **Ar78**  
History: LIPI (D.A. Nurcahyanto) & NBRC (K. Mori), JSAT13-2-Ar010c01  
Source of sample: Water & sediment of Sidoarjo mud volcano  
Locality: Mindi District, East Java, Indonesia  
Cultivation: 1067\*, 50°C

***Microbacterium barkeri***InaCC Number: InaCC **Ar91**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), 24A-02

Source of sample: Water &amp; sediment of hot spring

Locality: Cipanas, Bogor, West Java, Indonesia

Cultivation: 1104 agar, 45°C

***Natrialba aegyptica***InaCC Number: InaCC **Ar6**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar208-a ← LIPI (D.A. Nurcahyanto, 2a\_64\_2)

Source of sample: Coconut fiber of solar saltern

Locality: Pasinggahan, Bali, Indonesia

Cultivation: Halo 2a\*, 30°C

***Natrialba asiatica***InaCC Number: InaCC **Ar5**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), JSAT13-2-Ar082 ← LIPI (D.A. Nurcahyanto, 1a\_36\_1)

Source of sample: Water &amp; sediment of salt factory

Locality: Denpasar, Bali, Indonesia

Cultivation: Halo 1a\*, 30°C

***Natronomonas* sp.**InaCC Number: InaCC **Ar93**

History: LIPI (D.A. Nurcahyanto), 860KRST-1-Ar1 ← LIPI (D.A. Nurcahyanto, 860KRST-1)

Source of sample: Mud of bat's dung

Locality: Ngeleng Cave, Gunung Kidul Regency, Indonesia

Cultivation: 860, pH 7, anaerobe, 30°C

***Porphyrobacter cryptus***InaCC Number: InaCC **Ar88**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), 22A-01

Source of sample: Water of hot spring

Locality: White Crater, Pancar Mount

Cultivation: 1104 agar, 50°C

***Pseudoxanthomonas taiwanensis***InaCC Number: InaCC **Ar90**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), 22A-E01

Source of sample: Water of hot spring

Locality: White Crater, Mt. Pancar

Cultivation: 1104 agar, 50°C

***Rubellimicrobium thermophilum***InaCC Number: InaCC **Ar89**

History: LIPI (D.A. Nurcahyanto) &amp; NBRC (K. Mori), 22A-02

Source of sample: Water of hot spring

Locality: White Crater, Mt. Pancar

Cultivation: 1104 agar, 50°C

***Sulfolobales* sp. strain HS-3**InaCC Number: InaCC **Ar80**

History: Soka University (Sakai &amp; Korasawa), HS-3

Source of sample: Hot spring water

Locality: Ohwaku-dani, Hakone, Kanagawa, Japan

Cultivation: Modified Brock's basal salt (Kurosawa et al., IJSB, 1998)

pH 3.5; 80–85°C; anaerob H<sub>2</sub>:CO<sub>2</sub> (80:20)***Sulfodiicoccus acidiphilus* strain HS-1**InaCC Number: InaCC **Ar79**

History: Soka University (Sakai &amp; Korasawa), HS-1

Source of sample: Hot spring water

Locality: Ohwaku-dani, Hakone, Kanagawa, Japan

Cultivation: Modified Brock's basal salt (Kurosawa et al., IJSB, 1998) supplemented with 0.1% yeast extract, pH 3, 65°C

***Sulfurisphaera* sp. strain KD-1**InaCC Number: InaCC **Ar81**

History: (Suwanto &amp; Korasawa), KD-1

Source of sample: Hot spring water

Locality: Domas Crater, Tangkuban Perahu, West Java

Cultivation: Modified Brock's basal salt (Kurosawa et al., IJSB, 1998) pH 3, 85°C

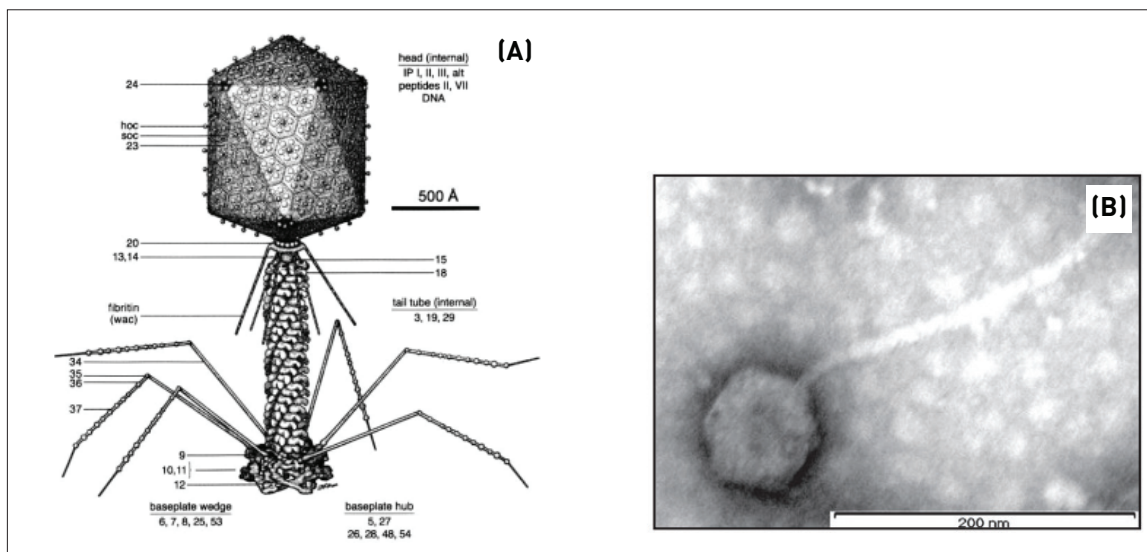
## BACTERIOPHAGE

Bacteriophage is a type of virus that infects bacteria and archaea. It only consists of DNA or RNA, which is coated by proteins. What makes bacteriophage unique is it needs a bacterial host in order to replicate. The bacterial host is also varied depends on the phage. Certain phages can even infect more than one host.

The term bacteriophage was invented by Felix d'Herelle in 1917 when he noticed clear spots from bacterial culture on a solid medium. Later, he mixed the filtrate from the clear spot with a culture of dysentery bacteria and found that it killed all the dysentery bacteria.

Bacteriophages are characterized by their shape, which is tailed, polyhedral, filamentous, and pleomorphic. Tailed phage consists of two families, namely Myoviridae and Siphoviridae. Polyhedral phage consists of five families, namely Microviridae, Cortocoviridae, Tectiviridae, Leviviridae, and Cystoviridae. While filamentous and pleomorphic phage only consist of one family, which are Inoviridae and Plasmaviridae, respectively. As for the characterization analysis, transmission electron microscopy (TEM) is used to observe the morphology of bacteriophage.

Bacteriophages have potential as therapeutic agents that used for treatment of antibiotic-resistant bacteria. They can also be used to eliminate specific bacteria found in food. Currently, Indonesian Culture Collection (InaCC) collects *Escherichia coli* phages from the environmental samples and *Lactobacillus* phages from fermented food.



Note:

(A) Structure of Bacteriophage T4

(B) Transmission electron micrograph of bacteriophage

Source: (A) Leiman et al. (2003), (B) Wong et al. (2014)

**Figure 1.7** Structure of Bacteriophage Virus



## LIST OF BACTERIOPHAGE

### *Escherichia coli* phage

InaCC Number: InaCC Bp1  
 History: JSAT13-2-Bp001 ← LIPI (A. Atikana, LIPI13-2-Bp001)  
 Source of sample: Water of pond  
 Locality: Kuningan Botanical Garden, Pasawahan  
 Cultivation: NBRC 802, 30°C

### *Escherichia coli* phage

InaCC Number: InaCC Bp2  
 History: JSAT13-2-Bp006 ← LIPI (A. Atikana, LIPI13-2-Bp006)  
 Source of sample: River water  
 Locality: Lovina Beach, Buleleng, Bali  
 Cultivation: NBRC 802, 30°C

### *Escherichia coli* phage

InaCC Number: InaCC Bp3  
 History: LIPI (A. Atikana, JSAT13-2-Bp007A)  
 Source of sample: River water  
 Locality: Lovina Beach, Buleleng  
 Cultivation: NBRC 802, 30°C

### *Escherichia coli* phage

InaCC Number: InaCC Bp4  
 History: LIPI (A. Atikana, JSAT13-2-Bp007C)  
 Source of sample: River water  
 Locality: Lovina Beach, Buleleng  
 Cultivation: NBRC 802, 30°C

### *Escherichia coli* phage

InaCC Number: InaCC Bp5  
 History: JSAT13-2-Bp008 ← LIPI (A. Atikana, LIPI13-2-Bp008)  
 Source of sample: River water  
 Locality: Lovina Beach, Buleleng  
 Cultivation: NBRC 802, 30°C

### *Escherichia coli* phage

InaCC Number: InaCC Bp6  
 History: LIPI (A. Atikana, JSAT14-2-Bp001A)  
 Source of sample: Water of pond  
 Locality: Tanah Lot  
 Cultivation: NBRC 802, 30°C

### *Escherichia coli* phage

InaCC Number: InaCC Bp7  
 History: LIPI (A. Atikana, JSAT14-2-Bp001B)  
 Source of sample: Water of pond  
 Locality: Tanah Lot  
 Cultivation: NBRC 802, 30°C

### Lactobacillus phage JSAT14-2-Bp002

InaCC Number: InaCC Bp8  
 History: JSAT14-2-Bp002(K. Fujita)  
 Source of sample: Lactid acid bacterium from fermented soybean (tauco)  
 Locality: Solok  
 Cultivation: MRS + 10 mM CaCl<sub>2</sub> · 7H<sub>2</sub>O, 30°C



***Lactobacillus phage JSAT14-2-Bp003***

InaCC Number: InaCC Bp9

History: JSAT14-2-Bp003 (K. Fujita)

Source of sample: Lactid acid bacterium from fermented shrimp (terasi)

Locality: Solok

Cultivation: MRS + 10 mM CaCl<sub>2</sub> · 7H<sub>2</sub>O, 30°C

# INSTITUT PERTANIAN BOGOR CULTURE COLLECTION (IPBCC)

## PROFILE INSTITUT PERTANIAN BOGOR CULTURE COLLECTION (IPBCC)

<b>Name of Culture Collection</b>	Institut Pertanian Bogor Culture Collection
<b>Acronym</b>	IPBCC
<b>Parent organization</b>	IPB
<b>Address</b>	Jl. Agatis, Gd. Perikanan Lt 5/Wing 3 IPB, Dramaga, Bogor 16680, West Java, Indonesia
<b>Phone, email</b>	622518627378, admin@ipbculturecollection.id
<b>Website</b>	<a href="https://ipbculturecollection.id">https://ipbculturecollection.id</a>
<b>Head of Collection</b>	Dr. Gayuh Rahayu
<b>Members and speciality</b>	Indra Maulana S.Si, culturing assistant and data entry operator Nurul Rahayu S.Si, culturing technician Neneng Karimayati, Amd, preservation technician Dr Nisa Rachmania Mubarik, data manager for bacteria
<b>Kinds of holdings</b>	Filamentous fungi, yeast, and bacteria
<b>Services</b>	Distribution of microbial collection Depository of microorganisms Isolation, purification, and identification of microorganisms Freeze dry lyophilization service Microscopic observation service Microbial preservation training
<b>Preservation methods</b>	Freezing -80°C, freeze dry lyophilization



- Note: (A) *Fusarium oxysporum* f.sp. *cubense* IPBCC 19 1439 on Potato Dextrose Agar (PDA)  
 (B) Chlamydospore and microconidia of *Fusarium oxysporum* f.sp. *cubense* IPBCC 19 1439  
 (C) Macroconidia of *Fusarium oxysporum* f.sp. *cubense* IPBCC 19 1439  
 (D) *Aspergillus niger* on PDA  
 (E) *Fusarium solani* IPBCC 08 561 on PDA  
 (F) *Penicillium* sp. on surface of a *Citrus* sp. fruit as substrate

Source: Fungal Laboratory, IPBCC (2021)

**Figure 2.1** Macroscopic and microscopic photos of several isolates kept in IPBCC

## LIST OF FILAMENTOUS FUNGI

### *Albonectria rigidiuscula*

IPBCC Number: IPBCC **13 1101**  
 History: IPBCC 13 1101 ← 15/RH  
 Source of sample: *Solanum melongena* seed  
 Locality: Bogor  
 Cultivation: PDA, 28°C

### *Albonectria rigidiuscula*

IPBCC Number: IPBCC **14 1182**  
 History: IPBCC 14 1182 ← RH 8  
 Source of sample: *Solanum melongena*  
 Locality: Bogor  
 Cultivation: PDA, 28°C

### *Albonectria rigidiuscula*

IPBCC Number: IPBCC **14 1183**  
 History: IPBCC 14 1183 ← RH 11  
 Source of sample: *Solanum melongena*  
 Locality: Bogor  
 Cultivation: PDA, 28°C

### *Albonectria rigidiuscula*

IPBCC Number: IPBCC **14 1243**  
 History: IPBCC 14 1243 ← CR 14  
 Source of sample: *Solanum melongena*  
 Locality: Bogor  
 Cultivation: PDA, 28°C

### *Aspergillus aflatoxiformans*

IPBCC Number: IPBCC **19 1483**  
 History: IPBCC 19 1483 ← II4

Source of sample: Rubber wood

Locality: West Java

Cultivation: PDA, 28°C

### *Aspergillus candidus*

IPBCC Number: IPBCC **10 644**  
 History: IPBCC 10 644 ← BIO 2227  
 Source of sample: Peanut seed  
 Locality: Citayam, Bogor  
 Cultivation: PDA, 28°C

### *Aspergillus clavatus* (based on morphology)

IPBCC Number: IPBCC **07 447**  
 History: IPBCC 07 447 ← CDL 076  
 Source of sample: Soil  
 Locality: Lampung  
 Cultivation: PDA, 28°C

### *Aspergillus clavatus* (based on morphology)

IPBCC Number: IPBCC **07 449**  
 History: IPBCC 07 449 ← CDL 063  
 Source of sample: Soil  
 Locality: Lampung  
 Cultivation: PDA, 28°C

### *Aspergillus clavatus* (based on morphology)

IPBCC Number: IPBCC **07 453**  
 History: IPBCC 07 453 ← CDL 033  
 Source of sample: Soil  
 Locality: Lampung  
 Cultivation: PDA, 28°C

***Aspergillus clavatus* (based on morphology)**

IPBCC Number: IPBCC 07 461  
 History: IPBCC 07 461 ← CDL 119  
 Source of sample: Soil  
 Locality: Lampung  
 Cultivation: PDA, 28°C

***Aspergillus ficuum* (based on morphology)**

IPBCC Number: IPBCC 07 466  
 History: IPBCC 07 466 ← CDJ 113  
 Source of sample: Soil  
 Locality: Jambi  
 Cultivation: PDA, 28°C

***Aspergillus ficuum* (based on morphology)**

IPBCC Number: IPBCC 10 666  
 History: IPBCC 10 666 ← 53a1  
 Source of sample: Insect nest  
 Locality: Pangandaran  
 Cultivation: PDA, 28°C

***Aspergillus flavus* (based on morphology)**

IPBCC Number: IPBCC 10 645  
 History: IPBCC 10 645 ← BIO 2167  
 Source of sample: Soil from peanut plantation  
 Locality: Wonogiri  
 Cultivation: PDA, 28°C

***Aspergillus foetidus***

IPBCC Number: IPBCC 19 1482  
 History: IPBCC 19 1482 ← I4  
 Source of sample: Rubber wood  
 Locality: West Java  
 Cultivation: PDA, 28°C

***Aspergillus fumigatus* (based on morphology)**

IPBCC Number: IPBCC 07 446  
 History: IPBCC 07 446 ← CDL 025  
 Source of sample: Soil  
 Locality: Lampung  
 Cultivation: PDA, 28°C

***Aspergillus fumigatus* (based on morphology)**

IPBCC Number: IPBCC 07 476  
 History: IPBCC 07 476 ← LDJ 290  
 Source of sample: Soil  
 Locality: Jambi  
 Cultivation: PDA, 28°C

***Aspergillus hortae***

IPBCC Number: IPBCC 19 1497  
 History: IPBCC 19 1497 ← ET1-C2C  
 Source of sample: Marine sponge associated fungi  
 Locality: Seribu Island  
 Cultivation: PDA, 28°C

***Aspergillus niger* (based on morphology)**

IPBCC Number: IPBCC 07 445  
 History: IPBCC 07 445 ← LDL 004  
 Source of sample: Soil  
 Locality: Lampung  
 Cultivation: PDA, 28°C

***Aspergillus niger* (based on morphology)**

IPBCC Number: IPBCC 07 458  
 History: IPBCC 07 458 ← LDL 007  
 Source of sample: Soil  
 Locality: Lampung  
 Cultivation: PDA, 28°C

***Aspergillus niger* (based on morphology)**

IPBCC Number: IPBCC 07 462  
 History: IPBCC 07 462 ← LDL 072  
 Source of sample: Soil  
 Locality: Lampung  
 Cultivation: PDA, 28°C

***Aspergillus niger* (based on morphology)**

IPBCC Number: IPBCC 07 470  
 History: IPBCC 07 470 ← CDJ 137  
 Source of sample: Soil  
 Locality: Jambi  
 Cultivation: PDA, 28°C

***Aspergillus niger* (based on morphology)**

IPBCC Number: IPBCC 07 477  
 History: IPBCC 07 477 ← LDJ 292  
 Source of sample: Soil  
 Locality: Jambi  
 Cultivation: PDA, 28 °C

***Aspergillus niger* (based on morphology)**

IPBCC Number: IPBCC 07 488  
 History: IPBCC 07 488 ← LDL 001  
 Source of sample: Soil  
 Locality: Lampung  
 Cultivation: PDA, 28°C

***Aspergillus niger* (based on morphology)**

IPBCC Number: IPBCC 07 445  
 History: IPBCC 07 445 ← LDL 004  
 Source of sample: Soil  
 Locality: Lampung  
 Cultivation: PDA, 28°C

***Aspergillus niger* (based on morphology)**

IPBCC Number: IPBCC 07 503  
 History: IPBCC 07 503 ← 909  
 Source of sample: Soil  
 Locality: Lampung  
 Cultivation: PDA, 28°C

***Aspergillus niger* (based on morphology)**

IPBCC Number: IPBCC 07 515  
 History: IPBCC 07 515 ← TR 51  
 Source of sample: Soil  
 Locality: Lampung  
 Cultivation: PDA, 28°C

***Aspergillus niger* (based on morphology)**

IPBCC Number: IPBCC 10 646  
 History: IPBCC 10 646 ← BIO 217  
 Source of sample: Peanut seed  
 Locality: Citayam, Bogor  
 Cultivation: PDA, 28°C

***Aspergillus niger* (based on morphology)**

IPBCC Number: IPBCC 10 667  
 History: IPBCC 10 667 ← 50b2  
 Source of sample: Insect  
 Locality: Pangandaran  
 Cultivation: PDA, 28 °C

***Aspergillus niger* (based on morphology)**

IPBCC Number: IPBCC 10 668  
 History: IPBCC 10 668 ← 4b2  
 Source of sample: Insect nest  
 Locality: Pangandaran  
 Cultivation: PDA, 28°C

***Aspergillus ochraceus* (based on morphology)**

IPBCC Number: IPBCC 10 647  
 History: IPBCC 10 647 ← Bio 220  
 Source of sample: Cocoa seed  
 Locality: South Sulawesi  
 Cultivation: PDA, 28°C

***Aspergillus ornatus* (based on morphology)**

IPBCC Number: IPBCC 07 554  
 History: IPBCC 07 554 ← 105.1  
 Source of sample: Leaf litter  
 Locality: Obi Island  
 Cultivation: PDA, 28°C

***Aspergillus oryzae* (based on morphology)**

IPBCC Number: IPBCC 10 669  
 History: IPBCC 10 669 ← 53b3  
 Source of sample: Insect nest  
 Locality: Pangandaran  
 Cultivation: PDA, 28°C

***Aspergillus repens* (based on morphology)**

IPBCC Number: IPBCC 10 655  
 History: IPBCC 10 655 ← BIO 852  
 Source of sample: Peanut seed  
 Locality: Seller, Bogor local market  
 Cultivation: PDA, 28°C

***Aspergillus tamarii* (based on morphology)**

IPBCC Number: IPBCC 10 648  
 History: IPBCC 10 648 ← BIO 226  
 Source of sample: Cocoa seed  
 Locality: South Sulawesi  
 Cultivation: PDA, 28°C

***Aspergillus wentii* (based on morphology)**

IPBCC Number: IPBCC 10 649  
 History: IPBCC 10 649 ← BIO 236  
 Source of sample: Black pepper seed  
 Locality: Seller, Bogor local market  
 Cultivation: PDA, 28°C

***Aspergillus versicolor***

IPBCC Number: IPBCC 18 1400  
 History: IPBCC 18 1400 ← TW-62  
 Source of sample: Lake water  
 Locality: West Java  
 Cultivation: PDA, 28°C

***Circinella muscae***

IPBCC Number: IPBCC 19 1419  
 History: IPBCC 19 1419 ← S5  
 Source of sample: Rabbit dung  
 Locality: West Java  
 Cultivation: PDA, 28°C

***Circinella umbellata***

IPBCC Number: IPBCC 19 1418  
 History: IPBCC 19 1418 ← TL3  
 Source of sample: Sheep dung  
 Locality: West Java  
 Cultivation: PDA, 28°C

***Circinella* sp.**

IPBCC Number: IPBCC 19 1484  
 History: IPBCC 19 1484 ← Cinci 2  
 Source of sample: Swallow bird dung  
 Locality: Bogor  
 Cultivation: PDA, 26°C

***Circinella* sp.**

IPBCC Number: IPBCC 19 1485  
 History: IPBCC 19 1485 ← Cinci 3  
 Source of sample: Swallow bird dung  
 Locality: Bogor  
 Cultivation: PDA, 26°C

***Circinella* sp.**

IPBCC Number: IPBCC 19 1486  
 History: IPBCC 19 1486 ← Cinci 4  
 Source of sample: Swallow bird dung  
 Locality: Bogor  
 Cultivation: PDA, 26°C

***Circinella* sp.**

IPBCC Number: IPBCC 19 1487  
 History: IPBCC 19 1487 ← Cinci 5  
 Source of sample: Bat dung  
 Locality: Bogor  
 Cultivation: PDA, 26°C

***Cladosporium cladosporioides* (based on morphology)**

IPBCC Number: IPBCC 10 652  
 History: IPBCC 10 652 ← BIO 439  
 Source of sample: Cocoa seed  
 Locality: South Sulawesi  
 Cultivation: PDA, 28°C

***Curvularia pallescens* (based on morphology)**

IPBCC Number: IPBCC 10 651  
 History: IPBCC 10 651 ← BIO 6201  
 Source of sample: Rice  
 Locality: SEAMEO BIOTROP shed, Bogor  
 Cultivation: PDA, 28°C

***Endomyces decipiens* (based on morphology)**

IPBCC Number: IPBCC 10 653  
 History: IPBCC 10 653 ← BIO 21135  
 Source of sample: Tomato  
 Locality: Bogor Market  
 Cultivation: PDA, 28°C

***Eurotium chevalieri* (based on morphology)**

IPBCC Number: IPBCC 10 654  
 History: IPBCC 10 654 ← BIO 845  
 Source of sample: Corn seed  
 Locality: Cikeumeuh, West Java  
 Cultivation: PDA, 28°C

***Fusarium cerealis***

IPBCC Number: IPBCC 10 636  
 History: IPBCC 10 636 ← DAR II.3  
 Source of sample: Soil  
 Locality: Barkanopi forest IPB  
 Cultivation: PDA, 28°C

***Fusarium equiseti***

IPBCC Number: IPBCC 19 1425  
 History: IPBCC 19 1425 ← LZ Y  
 Source of sample: *Clarthus* sp.  
 Locality: IPB Dramaga  
 Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 07 328  
 History: IPBCC 07 328 ← CDJ 106  
 Source of sample: Soil  
 Locality: Jambi  
 Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 07 338  
 History: IPBCC 07 338 ← CDL 023  
 Source of sample: Soil  
 Locality: Lampung  
 Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 07 540  
 History: IPBCC 07 540 ← 59.1  
 Source of sample: Leaf litter  
 Locality: Katingan, Kalimantan  
 Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 08 561  
 History: IPBCC 08 561 ← E  
 Source of sample: Broken branch dust of gaharu  
 Locality: Pasir Garam Village, Bangka  
 Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 08 562  
 History: IPBCC 08 562 ← G  
 Source of sample: Gubal gaharu  
 Locality: Trubus, Bangka  
 Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 08 565  
 History: IPBCC 08 565 ← K  
 Source of sample: Gubal gaharu  
 Locality: Bogor  
 Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 08 568  
 History: IPBCC 08 568 ← A  
 Source of sample: Expected gubal gaharu  
 Locality: Sukabumi  
 Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 14 1236  
 History: IPBCC 14 1236 ← CR A111  
 Source of sample: *Cinchona* root  
 Locality: Bandung  
 Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 14 1237  
 History: IPBCC 14 1237 ← CR A341  
 Source of sample: *Cinchona* root  
 Locality: Bandung  
 Cultivation: PDA, 28°C



***Fusarium oxysporum***

IPBCC Number: IPBCC 14 1239  
History: IPBCC 14 1239 ← CR B111  
Source of sample: *Cinchona* root  
Locality: Bandung  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1436  
History: IPBCC 19 1436 ← FOC20  
Source of sample: Cavendish  
Locality: East Lampung  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1437  
History: IPBCC 19 1437 ← FOC21  
Source of sample: Ambon banana  
Locality: West Java  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1438  
History: IPBCC 19 1438 ← FOC32  
Source of sample: Kepok banana  
Locality: West Sumatra  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1439  
History: IPBCC 19 1439 ← FOC33A  
Source of sample: Kepok banana  
Locality: North Sumatra  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1440  
History: IPBCC 19 1440 ← FOC34  
Source of sample: Johar  
Locality: North Sumatra  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1441  
History: IPBCC 19 1441 ← FOC35  
Source of sample: Barangan banana  
Locality: North Sumatra  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1442  
History: IPBCC 19 1442 ← FOC35A  
Source of sample: Barangan banana  
Locality: North Sumatra  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1443  
History: IPBCC 19 1443 ← FOC35B  
Source of sample: Barangan banana  
Locality: North Sumatra  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1444  
History: IPBCC 19 1444 ← FOC36  
Source of sample: Barangan banana  
Locality: North Sumatra  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1445  
History: IPBCC 19 1445 ← FOC36A  
Source of sample: Barangan banana  
Locality: North Sumatra  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1446  
History: IPBCC 19 1446 ← FOC36B  
Source of sample: Barangan banana  
Locality: North Sumatra  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1447  
History: IPBCC 19 1447 ← FOC39  
Source of sample: Barangan banana  
Locality: North Sumatra  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1448  
History: IPBCC 19 1448 ← FOC41A  
Source of sample: Barangan banana  
Locality: North Sumatra  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1449  
History: IPBCC 19 1449 ← FOC42  
Source of sample: Barangan banana  
Locality: North Sumatra  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1450  
History: IPBCC 19 1450 ← FOC43A  
Source of sample: Barangan banana  
Locality: North Sumatra  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1451  
History: IPBCC 19 1451 ← FOC43B  
Source of sample: Barangan banana  
Locality: North Sumatra  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1452  
History: IPBCC 19 1452 ← FOC44A  
Source of sample: Barangan banana  
Locality: North Sumatra  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1453  
History: IPBCC 19 1453 ← FOC46  
Source of sample: Cavendish  
Locality: Central Lampung  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1454  
History: IPBCC 19 1454 ← FOC47  
Source of sample: Cavendish/AAA  
Locality: Central Lampung  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1455  
History: IPBCC 19 1455 ← FOC48A  
Source of sample: Cavendish/AAA  
Locality: Central Lampung  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1456  
History: IPBCC 19 1456 ← FOC48B  
Source of sample: Cavendish/AAA  
Locality: Central Lampung  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1457  
History: IPBCC 19 1457 ← FOC49  
Source of sample: Cavendish/AAA  
Locality: Central Lampung  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1458  
History: IPBCC 19 1458 ← FOC57  
Source of sample: Ambon banana  
Locality: West Java  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1459  
History: IPBCC 19 1459 ← FOC58  
Source of sample: Ambon banana  
Locality: West Java  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1460  
History: IPBCC 19 1460 ← FOC59  
Source of sample: Ambon banana  
Locality: West Java  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1461  
History: IPBCC 19 1461 ← FOC60  
Source of sample: Ambon banana  
Locality: West Java  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1462  
History: IPBCC 19 1462 ← FOC61  
Source of sample: Ambon banana  
Locality: West Java  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1463  
History: IPBCC 19 1463 ← FOC04  
Source of sample: Raja banana  
Locality: East Aceh  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1464  
History: IPBCC 19 1464 ← FOC06  
Source of sample: Awak banana  
Locality: West Java  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1465  
History: IPBCC 19 1465 ← FOC08  
Source of sample: Awak banana  
Locality: Central Java  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1466  
History: IPBCC 19 1466 ← FOC09  
Source of sample: Ambon banana  
Locality: Central Java  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1467  
History: IPBCC 19 1467 ← FOC10  
Source of sample: Raja banana  
Locality: Central Java  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1468  
History: IPBCC 19 1468 ← FOC12  
Source of sample: Ambon banana  
Locality: East Java  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1469  
History: IPBCC 19 1469 ← FOC13  
Source of sample: Ambon banana  
Locality: Yogyakarta  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1470  
History: IPBCC 19 1470 ← FOC14  
Source of sample: Ambon banana  
Locality: Yogyakarta  
Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1471  
 History: IPBCC 19 1471 ← FOC15  
 Source of sample: Kepok banana  
 Locality: Yogyakarta  
 Cultivation: PDA, 28°C

***Fusarium oxysporum***

IPBCC Number: IPBCC 19 1472  
 History: IPBCC 19 1472 ← FOC18  
 Source of sample: Kepok banana  
 Locality: South Lampung  
 Cultivation: PDA, 28°C

***Fusarium proliferatum***

IPBCC Number: IPBCC 18 1401  
 History: IPBCC 18-1401 ← DM-1  
 Source of sample: Lake water  
 Locality: West Java  
 Cultivation: PDA, 28°C

***Fusarium solani***

IPBCC Number: IPBCC 07 525  
 History: IPBCC 07 525 ← F  
 Source of sample: Gubal gaharu  
 Locality: Mataram, Lombok  
 Cultivation: PDA, 28°C

***Fusarium solani***

IPBCC Number: IPBCC 08 560  
 History: IPBCC 08 560 ← C  
 Source of sample: Gubal gaharu  
 Locality: Bangka Tengah  
 Cultivation: PDA, 28°C

***Fusarium solani***

IPBCC Number: IPBCC 08 564  
 History: IPBCC 08 564 ← J  
 Source of sample: Gubal gaharu  
 Locality: Bogor  
 Cultivation: PDA, 28°C

***Fusarium solani***

IPBCC Number: IPBCC 08 566  
 History: IPBCC 08 566 ← L  
 Source of sample: Ant hole at gaharu stem  
 Locality: Pasir Garam Village, Bangka  
 Cultivation: PDA, 28°C

***Fusarium solani***

IPBCC Number: IPBCC 08 569  
 History: IPBCC 08 569 ← B  
 Source of sample: Ant hole at *A. microcarpa*  
 Locality: Pasir Garam Village, Bangka  
 Cultivation: PDA, 28°C

***Fusarium solani***

IPBCC Number: IPBCC 08 570  
 History: IPBCC 08 570 ← D  
 Source of sample: Tunggal gaharu  
 Locality: Pasir Garam Village, Bangka  
 Cultivation: PDA, 28°C

***Fusarium solani***

IPBCC Number: IPBCC 08 571  
 History: IPBCC 08 571 ← H  
 Source of sample: Dust of broken gaharu branch  
 Locality: Pasir Garam Village, Bangka  
 Cultivation: PDA, 28°C

***Fusarium verticilloides* (based on morphology)**

IPBCC Number: IPBCC 10 638  
 History: IPBCC 10 638 ← DAR III.5  
 Source of sample: Soil  
 Locality: Rektorat forest, IPB  
 Cultivation: PDA, 28°C

***Ganoderma boninense* (based on morphology)**

IPBCC Number: IPBCC 10 658  
 History: IPBCC 10 658 ← BIO 10198  
 Source of sample: Palm oil  
 Locality: Bah Jambi, Marihat  
 Cultivation: PDA, 28°C

***Gliocladium deliquescens* (based on morphology)**

IPBCC Number: IPBCC 07 543

History: IPBCC 07 543 ← 15.1

Source of sample: Leaf litter

Locality: Katingan, Kalimantan

Cultivation: PDA, 28°C

***Gliocladium roseum* (based on morphology)**

IPBCC Number: IPBCC 08 614

History: IPBCC 08 614 ← no.C.3. no.s.1.1

Source of sample: -

Locality: Tarakan

Cultivation: PDA, 28°C

***Gliomastix polychroma***

IPBCC Number: IPBCC 18 1402

History: IPBCC 18 1402 ← DLMB1

Source of sample: Lake water

Locality: West Java

Cultivation: PDA, 28°C

***Gymnoascus udagawae***

IPBCC Number: IPBCC 19 1495

History: IPBCC 19 1495 ← CD1-A3

Source of sample: Marine sponge

Locality: Seribu Islands

Cultivation: PDA, 28°C

***Gymnoascus udagawae***

IPBCC Number: IPBCC 19 1496

History: IPBCC 19 1496 ← RD1-2

Source of sample: Marine sponge

Locality: Seribu Islands

Cultivation: PDA, 28°C

***Lophiostoma corticola***

IPBCC Number: IPBCC 18 1403

History: IPBCC 18 1403 ← TW-8

Source of sample: Lake water

Locality: West Java

Cultivation: PDA, 28°C

***Neurospora dictyophora***

IPBCC Number: IPBCC 19 1423

History: IPBCC 19 1423 ← TL2

Source of sample: Sheep dung

Locality: West Java

Cultivation: PDA, 28°C

***Paecilomyces lilacinus***

IPBCC Number: IPBCC 19 1498

History: IPBCC 19 1498 ← ET1-C2M

Source of sample: Marine sponge

Locality: Seribu Islands

Cultivation: PDA, 28°C

***Parengyodontium album***

IPBCC Number: IPBCC 18 1404

History: IPBCC 18 1404 ← TW-23

Source of sample: Lake water

Locality: West Java

Cultivation: PDA, 28°C

***Penicillium citrinum* (based on morphology)**

IPBCC Number: IPBCC 10 659

History: IPBCC 10 659 ← BIO 14222

Source of sample: Rice

Locality: SEAMEO BIOTROP shed, Bogor

Cultivation: PDA, 28°C

***Penicillium citrinum***

IPBCC Number: IPBCC 18 1405

History: IPBCC 18 1405 ← TW-61

Source of sample: Lake water

Locality: West Java

Cultivation: PDA, 28°C

***Penicillium citrinum***

IPBCC Number: IPBCC 18 1406

History: IPBCC 18 1406 ← DM-2

Source of sample: Lake water

Locality: West Java

Cultivation: PDA, 28°C

***Penicillium janthinellum* (based on morphology)**

IPBCC Number: IPBCC 07 542  
 History: IPBCC 07 542 ← 5.1  
 Source of sample: Leaf litter  
 Locality: Katingan, Kalimantan  
 Cultivation: PDA, 28°C

***Penicillium miczynskii* (based on morphology)**

IPBCC Number: IPBCC 07 541  
 History: IPBCC 07 541 ← 56.1  
 Source of sample: Leaf litter  
 Locality: Katingan, Kalimantan  
 Cultivation: PDA, 28°C

***Penicillium notatum* (based on morphology)**

IPBCC Number: IPBCC 07 555  
 History: IPBCC 07 555 ← S 14.1  
 Source of sample: Leaf litter  
 Locality: Katingan, Kalimantan  
 Cultivation: PDA, 28°C

***Penicillium velutinum* (based on morphology)**

IPBCC Number: IPBCC 07 535  
 History: IPBCC 07 535 ← 4.6  
 Source of sample: Leaf litter  
 Locality: Katingan, Kalimantan  
 Cultivation: PDA, 28°C

***Pestalotiopsis microspora***

IPBCC Number: IPBCC 18 1407  
 History: IPBCC 18 1407 ← TW-14  
 Source of sample: Lake water  
 Locality: West Java  
 Cultivation: PDA, 28°C

***Phialemoniopsis pluriloculosa***

IPBCC Number: IPBCC 18 1408  
 History: IPBCC 18 1408 ← TW-22  
 Source of sample: Lake water  
 Locality: West Java  
 Cultivation: PDA, 28°C

***Pyrenochaeta nobilis***

IPBCC Number: IPBCC 19 1424  
 History: IPBCC 19 1424 ← Pyreno  
 Source of sample: Orchid  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 28°C

***Rhizopodopsis javensis***

IPBCC Number: IPBCC 19 1473  
 History: IPBCC 19 1473 ← RM1  
 Source of sample: *Ficus variegata*  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 24°C

***Rhizopodopsis javensis***

IPBCC Number: IPBCC 19 1476  
 History: IPBCC 19 1476 ← RM4  
 Source of sample: *Ficus variegata*  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 24°C

***Rhizopodopsis javensis***

IPBCC Number: IPBCC 19 1477  
 History: IPBCC 19 1477 ← RM5  
 Source of sample: *Ficus variegata*  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 24°C

***Rhizopodopsis javensis***

IPBCC Number: IPBCC 19 1478  
 History: IPBCC 19 1478 ← RM6  
 Source of sample: *Ficus variegata*  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 24°C

***Rhizopodopsis javensis***

IPBCC Number: IPBCC 20 1501  
 History: IPBCC 20 1501 ← El 1-1  
 Source of sample: fallen fruit of *Elaeagnus latifolia*  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 24°C

***Rhizopodopsis javensis***

IPBCC Number: IPBCC 20 1502  
 History: IPBCC 20 1502 ← LGM  
 Source of sample: Fallen *L. indutus*  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 24°C

***Rhizopodopsis javensis***

IPBCC Number: IPBCC 20 1503  
 History: IPBCC 19 1503 ← FGM1  
 Source of sample: *Ficus variegata*  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 24°C

***Rhizopodopsis javensis***

IPBCC Number: IPBCC 20 1504  
 History: IPBCC 20 1504 ← FGM2  
 Source of sample: *Ficus variegata*  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 24°C

***Rhizopus sexualis***

IPBCC Number: IPBCC 19 1474  
 History: IPBCC 19 1474 ← RM2  
 Source of sample: *Ficus variegata*  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 24°C

***Rhizopus sexualis***

IPBCC Number: IPBCC 19 1475  
 History: IPBCC 19 1475 ← RM3  
 Source of sample: *Ficus variegata*  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 24°C

***Rhizopus sexualis***

IPBCC Number: IPBCC 19 1479  
 History: IPBCC 19 1479 ← RM7  
 Source of sample: *Ficus macrophylla*  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 24°C

***Rhizopus sexualis***

IPBCC Number: IPBCC 19 1480  
 History: IPBCC 19 1480 ← RM8  
 Source of sample: *Ficus macrophylla*  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 24°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1367  
 History: IPBCC 17 1367 ← R12  
 Source of sample: Corncob  
 Locality: West Java  
 Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1368  
 History: IPBCC 17 1368 ← R18  
 Source of sample: Fallen flower on the ground  
 Locality: West Java  
 Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1369  
 History: IPBCC 17 1369 ← R19  
 Source of sample: Walnut fruit  
 Locality: West Java  
 Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1370  
 History: IPBCC 17 1370 ← R20  
 Source of sample: *Ficus* (small fruit)  
 Locality: West Java  
 Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1371  
 History: IPBCC 17 1371 ← R21  
 Source of sample: Leaf litter  
 Locality: West Java  
 Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1372  
History: IPBCC 17 1372 ← 27R  
Source of sample: Spoiled durian  
Locality: West Java  
Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1373  
History: IPBCC 17 1373 ← 28R  
Source of sample: Spoiled durian  
Locality: West Java  
Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1374  
History: IPBCC 17 1374 ← CIR 3-2  
Source of sample: *Artocarpus* fruit  
Locality: West Java  
Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1375  
History: IPBCC 17 1375 ← EL 1-1  
Source of sample: *Elaeagnus latifolia* fruit  
Locality: Cibodas, West Java  
Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1376  
History: IPBCC 17 1376 ← IMYT33  
Source of sample: Soil on *Ficus variegata*  
Locality: Cibodas, West Java  
Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1377  
History: IPBCC 17 1377 ← D3  
Source of sample: *Elaeagnus latifolia* fruit  
Locality: Cibodas, West Java  
Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1378  
History: IPBCC 17 1378 ← Cib1  
Source of sample: *Platea latifolia* seed  
Locality: Cibodas, West Java  
Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1379  
History: IPBCC 17 1379 ← Cib2  
Source of sample: *Platea latifolia* seed  
Locality: Cibodas, West Java  
Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1380  
History: IPBCC 17 1380 ← Cib3  
Source of sample: *Platea latifolia* seed  
Locality: Cibinong, West Java  
Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1381  
History: IPBCC 17 1381 ← Cib4  
Source of sample: *Platea latifolia* fruit  
Locality: Cibinong, West Java  
Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1382  
History: IPBCC 17 1382 ← Cib5  
Source of sample: *Platea latifolia* fruit  
Locality: Cibinong, West Java  
Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1383  
History: IPBCC 17 1383 ← SL 2  
Source of sample: Fruit eaten by owa  
Locality: Ujung Kulon  
Cultivation: PDA, 28°C



***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1384  
 History: IPBCC 17 1384 ← BL 3  
 Source of sample: *Biscopia javanica* fruit  
 Locality: Eka Raya, Bali  
 Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1385  
 History: IPBCC 17 1385 ← BL 8  
 Source of sample: Leaf litter  
 Locality: Eka Raya, Bali  
 Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1386  
 History: IPBCC 17 1386 ← BL 10  
 Source of sample: *Pittosporum heterophyllum* fruit  
 Locality: Eka Raya, Bali  
 Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1387  
 History: IPBCC 17 1387 ← RH 1  
 Source of sample: *Ficus variegata* fruit  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1388  
 History: IPBCC 17 1388 ← RH 2  
 Source of sample: *Ficus variegata* fruit  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1389  
 History: IPBCC 17 1389 ← RH 5  
 Source of sample: *Elaeagnus latifolia* fruit  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1390  
 History: IPBCC 17 1390 ← RH 6  
 Source of sample: *Elaeagnus latifolia* fruit  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1391  
 History: IPBCC 17 1391 ← RH 11  
 Source of sample: *Ficus variegata* fruit  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1392  
 History: IPBCC 17 1392 ← RH 14  
 Source of sample: *Ficus variegata* fruit  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1393  
 History: IPBCC 17 1393 ← RH 15  
 Source of sample: *Elaeagnus latifolia* fruit  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1394  
 History: IPBCC 17 1394 ← RH 16  
 Source of sample: *Ficus variegata* fruit  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1395  
 History: IPBCC 17 1395 ← RH 20  
 Source of sample: *Ficus variegata* fruit  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1396  
 History: IPBCC 17 1396 ← TRH 6  
 Source of sample: *Artocarpus* fruit  
 Locality: Tangkuban Perahu, Bandung  
 Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1397  
 History: IPBCC 17 1397 ← TRH 8  
 Source of sample: *Artocarpus* fruit  
 Locality: Tangkuban Perahu, Bandung  
 Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 17 1398  
 History: IPBCC 17 1398 ← TRH 11  
 Source of sample: Avocado fruit  
 Locality: Tangkuban Perahu, Bandung  
 Cultivation: PDA, 28°C

***Rhizopus stolonifer***

IPBCC Number: IPBCC 19 1481  
 History: IPBCC 19 1481 ← MUS2  
 Source of sample: *Ficus macrophylla*  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 26°C

***Rhizopus stolonifer* (based on morphology)**

IPBCC Number: IPBCC 20 1505  
 History: IPBCC 20 1505 ← LSM  
 Source of sample: *L. indutus* fallen on the ground  
 Locality: Cibodas, West Java  
 Cultivation: PDA, 24°C

***Umbelopsis ramanniana* (based on morphology)**

IPBCC Number: IPBCC 20 1507  
 History: IPBCC 20 1507 ← Umb1  
 Source of sample: Bat dung  
 Locality: Bogor  
 Cultivation: PDA, 24°C

***Sarocladium terricola***

IPBCC Number: IPBCC 18 1409  
 History: IPBCC 18 1409 ← TW-20  
 Source of sample: Lake water  
 Locality: West Java  
 Cultivation: PDA, 28°C

***Stachybotrys chlorohalonata***

IPBCC Number: IPBCC 18 1410  
 History: IPBCC 18 1410 ← DM-3  
 Source of sample: Lake water  
 Locality: West Java  
 Cultivation: PDA, 2°C

***Talaromyces aculeatus***

IPBCC Number: IPBCC 18 1411  
 History: IPBCC 18 1411 ← DLMB2  
 Source of sample: Lake water  
 Locality: West Java  
 Cultivation: PDA, 28°C

***Talaromyces pinophilus***

IPBCC Number: IPBCC 18 1412  
 History: IPBCC 18 1412 ← DM-4  
 Source of sample: Lake water  
 Locality: West Java  
 Cultivation: PDA, 28°C

***Thamnostylum piriforme***

IPBCC Number: IPBCC 19 1420  
 History: IPBCC 19 1420 ← S1  
 Source of sample: Sheep dung  
 Locality: West Java  
 Cultivation: PDA, 28°C

***Thamnostylum piriforme***

IPBCC Number: IPBCC 19 1421  
 History: IPBCC 19 1421 ← S2  
 Source of sample: Sheep dung  
 Locality: West Java  
 Cultivation: PDA, 28°C

***Thamnostylum piriforme* (based on morphology)**

IPBCC Number: IPBCC 19 1422

History: IPBCC 19 1422 ← S3

Source of sample: Sheep dung

Locality: West Java

Cultivation: PDA, 28°C

***Trametes polyzona***

IPBCC Number: IPBCC 18 1413

History: IPBCC 18 1413 ← TW-42

Source of sample: Lake water

Locality: West Java

Cultivation: PDA, 28°C

***Trichoderma harzianum* (based on morphology)**

IPBCC Number: IPBCC 10 660

History: IPBCC 10 660 ← BIO 19100

Source of sample: Soil of palm oil plantation

Locality: Marihat, North Sumatera

Cultivation: PDA, 28°C

***Trichoderma harzianum* (based on morphology)**

IPBCC Number: IPBCC 07 545

History: IPBCC 07 545 ← 70.1

Source of sample: Leaf litter

Locality: Katingan, Kalimantan

Cultivation: PDA, 28°C

***Trichoderma viride* (based on morphology)**

IPBCC Number: IPBCC 07 551

History: IPBCC 07 551 ← 19.1

Source of sample: Soil of palm oil plantation

Locality: Katingan, Kalimantan

Cultivation: PDA, 28°C

## LIST OF YEAST

### *Candida albicans*

IPBCC Number: IPBCC Y 11 657  
 History: IPBCC Y 11 657 ← ATCC 10231  
 Source of sample: ATCC 10231  
 Locality: -  
 Cultivation: PDA, 28°C

### *Exophiala dermatitidix*

IPBCC Number: IPBCC Y 16.1548  
 History: IPBCC Y 16.1548 ← J1K4-4  
 Source of sample: Soybean immersion water to produce tempeh WJB2 EMP  
 Locality: West Java  
 Cultivation: PDA, 28°C

### *Exophiala dermatitidix*

IPBCC Number: IPBCC Y 16.1549  
 History: IPBCC Y 16.1549 ← J1K4-5A  
 Source of sample: Soybean immersion water to produce tempeh WJB2 EMP  
 Locality: West Java  
 Cultivation: PDA, 28°C

### *Exophiala dermatitidix*

IPBCC Number: IPBCC Y 16.1550  
 History: J1K4-5C  
 Source of sample: Soybean immersion water to produce tempeh WJB2 EMP  
 Locality: West Java  
 Cultivation: PDA, 28°C

### *Issatchenkia orientalis*

IPBCC Number: IPBCC Y 16.1552  
 History: J1K7-3  
 Source of sample: Soybean immersion water to produce tempeh WJB2 EMP  
 Locality: West Java  
 Cultivation: PDA, 28°C

### *Kwaniella hweanensis*

IPBCC Number: IPBCC Y 16.1545  
 History: J1K2-3  
 Source of sample: Soybean immersion water to produce tempeh WJB2 EMP  
 Locality: West Java  
 Cultivation: PDA, 28°C

### *Lodderomyces elongisporus*

IPBCC Number: IPBCC Y 16.1551  
 History: J1K5-6  
 Source of sample: Soybean immersion water to produce tempeh WJB2 EMP  
 Locality: West Java  
 Cultivation: PDA, 28°C

### *Saccharomyces cerevisiae*

IPBCC Number: IPBCC Y 16.1546  
 History: IPBCC Y 16.1546 ← J1K2-A  
 Source of sample: Soybean immersion water to produce tempeh WJB2 EMP  
 Locality: West Java  
 Cultivation: PDA, 28°C

***Trichosporon asahii***

IPBCC Number: IPBCC Y **16.1544**

History: IPBCC Y 16.1544 ← J1K1-9

Source of sample: Soybean immersion water to produce tempeh WJB2 EMP

Locality: West Java

Cultivation: PDA, 28°C

***Trichosporon loubieri***

IPBCC Number: IPBCC Y **16.1547**

History: IPBCC Y 16.1547 ← J1K2-5

Source of sample: Soybean immersion water to produce tempeh WJB2 EMP

Locality: West Java

Cultivation: PDA, 28 °C

## LIST OF BACTERIA

### *Bacillus cereus*

IPBCC Number: IPBCC **b 19 1427**  
 History: IPBCC b 19 1427 ← B  
 Source of sample: UHT milk  
 Locality: Riau  
 Cultivation: NA, 36°C

### *Bacillus cereus*

IPBCC Number: IPBCC **b 19 1432**  
 History: IPBCC b 19 1432 ← G  
 Source of sample: UHT milk  
 Locality: Riau  
 Cultivation: NA, 41°C

### *Bacillus cereus*

IPBCC Number: IPBCC **b 11 653**  
 History: IPBCC b 11 653 ← ATCC 10876  
 Source of sample: -  
 Locality: -  
 Cultivation: TSA, 35°C

### *Bacillus licheniformis*

IPBCC Number: IPBCC **b 11 654**  
 History: IPBCC b 11 654 ← ATCC 12759  
 Source of sample: -  
 Locality: -  
 Cultivation: TSA, 35°C

### *Bacillus subtilis*

IPBCC Number: IPBCC **b 11 665**  
 History: IPBCC b 11 665 ← ATCC 19659

Source of sample: -

Locality: -

Cultivation: TSA, 35°C

### *Bacillus thuringiensis*

IPBCC Number: IPBCC **b 11 656**  
 History: IPBCC b 11 656 ← ATCC 33679  
 Source of sample: -  
 Locality: -  
 Cultivation: TSA, 35°C

### *Enterobacter hormaechei*

IPBCC Number: IPBCC **b 19 1426**  
 History: IPBCC b 19 1426 ← A  
 Source of sample: UHT milk  
 Locality: Riau  
 Cultivation: NA, 35°C

### *Enterobacter faecalis*

IPBCC Number: IPBCC **b 11 659**  
 History: IPBCC b 11 659 ← ATCC 14506  
 Source of sample: -  
 Locality: -  
 Cultivation: TSA, 35°C

### *Escherichia coli*

IPBCC Number: IPBCC **b 11 667**  
 History: IPBCC b 11 667 ← ATCC 8739  
 Source of sample: -  
 Locality: -  
 Cultivation: TSA, 35°C

***Klebsiella oxytoca***

IPBCC Number: IPBCC **b 11 660**  
History: IPBCC b 11 660 ← ATCC 43086  
Source of sample: -  
Locality: -  
Cultivation: TSA, 35°C

***Klebsiella pneumoniae***

IPBCC Number: IPBCC **b 19 1429**  
History: IPBCC b 19 1429 ← D  
Source of sample: UHT milk  
Locality: Riau  
Cultivation: NA, 38°C

***Klebsiella pneumoniae***

IPBCC Number: IPBCC **b 19 1430**  
History: IPBCC b 19 1430 ← E  
Source of sample: UHT milk  
Locality: Riau  
Cultivation: NA, 39°C

***Klebsiella pneumoniae***

IPBCC Number: IPBCC **b 19 1431**  
History: IPBCC b 19 1432 ← F  
Source of sample: UHT milk  
Locality: Riau  
Cultivation: NA, 40°C

***Klebsiella pneumoniae***

IPBCC Number: IPBCC **b 19 1433**  
History: IPBCC b 19 1433 ← H  
Source of sample: UHT milk  
Locality: Riau  
Cultivation: NA, 42°C

***Klebsiella pneumoniae***

IPBCC Number: IPBCC **b 19 1434**  
History: IPBCC b 19 1434 ← I  
Source of sample: UHT milk  
Locality: Riau  
Cultivation: NA, 43°C

***Lactobacillus plantarum***

IPBCC Number: IPBCC **b 11 661**  
History: IPBCC b 11 661 ← ATCC 8014  
Source of sample: -  
Locality: -  
Cultivation: TSA, 35°C

***Paenibacillus lautus***

IPBCC Number: IPBCC **b 19 1428**  
History: IPBCC b 19 1428 ← C  
Source of sample: UHT milk  
Locality: Riau  
Cultivation: NA, 37°C

***Proteus sp.***

IPBCC Number: IPBCC **b 88 016**  
History: IPBCC b 88 016 ← -  
Source of sample: -  
Locality: -  
Cultivation: TSA, 35°C

***Pseudomonas aeruginosa***

IPBCC Number: IPBCC **b 11 662**  
History: IPBCC b 11 662 ← ATCC 27853  
Source of sample: -  
Locality: -  
Cultivation: TSA, 35°C

***Salmonella typhimurium***

IPBCC Number: IPBCC **b 11 669**  
History: IPBCC b 11 669 ← ATCC 25241  
Source of sample: -  
Locality: -  
Cultivation: TSA, 35°C

***Shigella flexneri***

IPBCC Number: IPBCC **b 11 665**  
History: IPBCC b 11 665 ← ATCC 12022  
Source of sample: -  
Locality: -  
Cultivation: TSA, 35°C

***Staphylococcus aureus* subsp. *aureus***

IPBCC Number: IPBCC **b 11 666**

History: IPBCC b 11 666 ← ATCC 6538

Source of sample: -

Locality: -

Cultivation: TSA, 35°C





# DEPARTMENT OF MICROBIOLOGY, FACULTY OF MEDICINE, UNIVERSITY OF INDONESIA CULTURE COLLECTION (MUICC)

## PROFILE DEPARTMENT OF MICROBIOLOGY, FACULTY OF MEDICINE, UNIVERSITY OF INDONESIA CULTURE COLLECTION (MUICC)

<b>Name of Culture Collection</b>	Department of Microbiology, Faculty of Medicine, University of Indonesia Culture Collection
<b>Acronym</b>	MUICC
<b>Parent organization</b>	University of Indonesia
<b>Address</b>	Jl. Pegangsaan Timur No.16, Central Jakarta 10320, Indonesia
<b>Phone, email</b>	+62-21-31922850/ 3100806/ 3160491/ 3160492
<b>Fax</b>	62-21-3100810
<b>Website</b>	Lmk.fkui.rscm@gmail.com
<b>Head of Collection</b>	Prof. dr. Pratiwi Sudarmono, PhD, SpMK (K)
<b>Members and speciality</b>	Dra. Ika Ningsih, MBiomed Hetii Rohasih, Amd.AK
<b>Kinds of holdings</b>	Aerobic and anaerobic bacteria isolated from clinical specimens and hospital environment samples, ATCC bacteria
<b>Services</b>	Microbial diagnostic for identification and characterization of etiologic agent from clinical samples (bacteriology, virology, mycology, immunology) Bacterial preservation Distribution of bacterial cultures upon request
<b>Preservation methods</b>	Deep freezing -80°C, room temperature 24–27°C



## LIST OF BACTERIA

### *Achromobacter xylosoxidans*

MUICC Number: **MUI-Acxy 00119 L**  
 Source of sample: Tap water  
 Locality: West Java  
 Preservation: Stock agar, 24-27°C

### *Acinobacteri baumannii*

MUICC Number: **MUI-Abau 00118**  
 Source of sample: Sputum  
 Locality: DKI Jakarta  
 Preservation: TSB + glycerol, -80°C

### *Acinobacteri baumannii*

MUICC Number: **MUI-Abau 00119**  
 Source of sample: Sputum  
 Locality: DKI Jakarta  
 Preservation: Cryotube bead,  
 -80°C

### *Acinobacteri baumannii*

MUICC Number: **MUI-Abau 00120 L**  
 Source of sample: Main source of water in the  
 dorm  
 Locality: West Nusa Tenggara  
 Preservation: Stock agar, 24-27°C

### *Acinobacteri haemolyticus*

MUICC Number: **MUI-Ahau 00120 L**  
 Source of sample: Water resevoir in the building  
 Locality: West Nusa Tenggara  
 Preservation: Stock agar, 24-27°C

### *Bacillus cereus*

MUICC Number: **MUI-Bacil 00119 L**  
 Source of sample: Air conditioner  
 Locality: Bali  
 Preservation: Stock agar, 24-27°C

### *Bacterioides fragilis*

MUICC Number: **MUI-Bfra 00119 AN**  
 Source of sample: Feces  
 Locality: DKI Jakarta  
 Preservation: Cookmeat, 24-27°C

### *Bacterioides oralis*

MUICC Number: **MUI-Bora 00119 AN**  
 History:  
 Source of sample: Feces  
 Locality: DKI Jakarta  
 Preservation: Cookmeat, 24-27°C

### *Bacterioides ovatus*

MUICC Number: **MUI-Bova 00119 AN**  
 Source of sample: Feces  
 Locality: DKI Jakarta  
 Preservation: Cookmeat, 24-27°C

### *Bacterioides thetaiotaomicron*

MUICC Number: **MUI-Thei 00119 AN**  
 Source of sample: Feces  
 Locality: DKI Jakarta  
 Preservation: Cookmeat, 24-27°C

***Bacterioides vulgatus***

MUICC Number: MUI-Bvul 00119 AN  
 Source of sample: Blood  
 Locality: DKI Jakarta  
 Preservation: Cookmeat, 24-27°C

***Clostridium perfringens***

MUICC Number: MUI-Cper 00119 AN  
 Source of sample: Feces  
 Locality: DKI Jakarta  
 Preservation: Cookmeat, 24-27°C

***Chromobacterium violaceum***

MUICC Number: MUI-Cvio 00119  
 Source of sample: Urine  
 Locality: DKI Jakarta  
 Preservation: Stock Agar, 24-27°C

***Chromobacterium violaceum***

MUICC Number: MUI-Cvio 00119 L  
 Source of sample: Water  
 Locality: North Sumatra  
 Preservation: Stock Agar, 24-27°C

***Corynebacterium diphtheriae***

MUICC Number: MUI-Cdip 00118  
 Source of sample: Throat swab  
 Locality: DKI Jakarta  
 Preservation: TSB + glycerol,  
 -80°C

***Corynebacterium diphtheriae***

MUICC Number: MUI-Cdip 00119  
 Source of sample: Throat swab  
 Locality: West Java  
 Preservation: Stock Agar, 24-27°C

***Corynebacterium diphtheriae***

MUICC Number: MUI-Cdip 00120  
 Source of sample: Throat swab  
 Locality: DKI Jakarta  
 Preservation: Stock Agar, 24-27°C

***Enterobacter cloacae***

MUICC Number: MUI-Eclo 00119  
 Source of sample: Urine  
 Locality: DKI Jakarta  
 Preservation: Stock Agar, 24-27°C

***Enterococcus faecalis***

MUICC Number: MUI-Efa 00119  
 Source of sample: Urine  
 Locality: DKI Jakarta  
 Preservation: Cryotube bead,  
 -80°C

***Enterococcus gallinarum***

MUICC Number: MUI-Egal 00120  
 Source of sample: Wound swab  
 Locality: DKI Jakarta  
 Preservation: Stock Agar, 24-27°C

***Klebsiella pneumoniae***

MUICC Number: MUI-Kpn 00118  
 Source of sample: Urine  
 Locality: DKI Jakarta  
 Preservation: TSB + glycerol,  
 -80°C

***Klebsiella pneumoniae***

MUICC Number: MUI-Kpn 00218  
 Source of sample: Urine  
 Locality: DKI Jakarta  
 Preservation: TSB + glycerol, 24-27°C

***Klebsiella pneumoniae***

MUICC Number: MUI-Kpeu 00119 L  
 History:  
 Source of sample: Tap water  
 Locality: North Sumatra  
 Preservation: Stock agar, 24-27°C

***Kocuria rhizophila***

MUICC Number: MUI-Koc 00119 L  
 Source of sample: Air conditioner  
 Locality: Bali  
 Preservation: Stock agar, 24-27°C

***Lactococcus garvieae***

MUICC Number: MUI-Lgar 00119  
 Source of sample: Blood  
 Locality: DKI Jakarta  
 Preservation: Cryotube bead,  
 -80°C

***Micrococcus luteus***

MUICC Number: MUI-Mlun 00119  
 Source of sample: Sperm  
 Locality: DKI Jakarta  
 Preservation: Cryotube bead,  
 -80°C

***Micrococcus luteus***

MUICC Number: MUI-Miclu 00119 L  
 Source of sample: Air conditioner  
 Locality: West Java  
 Preservation: Stock Agar, 24-27°C

***Propionibacterium acnes***

MUICC Number: MUI-Pacn 00118 AN  
 Source of sample: Acne  
 Locality: DKI Jakarta  
 Preservation: Cookmeat, 24-27°C

***Propionibacterium acnes***

MUICC Number: MUI-Pacn 00119 AN  
 Source of sample: Acne  
 Locality: DKI Jakarta  
 Preservation: Cookmeat, 24-27 °C

***Propionibacterium acnes***

MUICC Number: MUI-Pac 00120 AN  
 Source of sample: Acne  
 Locality: DKI Jakarta  
 Preservation: Cookmeat, 24-27°C

***Proteus mirabilis***

MUICC Number: MUI-Pmir 00118  
 Source of sample: Throat swab  
 Locality: DKI Jakarta  
 Preservation: TSB + glycerol,

-80°C

***Pseudomonas aeruginosa***

MUICC Number: MUI-Pae 00118  
 Source of sample: Sputum  
 Locality: DKI Jakarta  
 Preservation: TSB + glycerol, 24-27 °C

***Pseudomonas aeruginosa***

MUICC Number: MUI-Pae 00119  
 Source of sample: Urine  
 Locality: DKI Jakarta  
 Preservation: Cryotube bead,  
 -80 °C

***Pseudomonas aeruginosa***

MUICC Number: MUI-Psae 00119 L  
 Source of sample: Water  
 Locality: North Sumatra  
 Preservation: Stock agar, 24-27°C

***Pseudomonas aeruginosa***

MUICC Number: MUI-Psae 00120  
 Source of sample: Wound swab  
 Locality: DKI Jakarta  
 Preservation: Stock agar, 24-27°C

***Pseudomonas putida***

MUICC Number: MUI-Psput 00119  
 Source of sample: Dental 4  
 Locality: North Sumatra  
 Preservation: Stock agar, 24-27°C

***Pseudomonas stutzeri***

MUICC Number: MUI-Pssz 00119 L  
 Source of sample: Air conditioner  
 Locality: West Java  
 Preservation: Stock agar, 24-27°C

***Pseudomonas stutzeri***

MUICC Number: MUI-Pstuz 00219 L  
 Source of sample: Finger print  
 Locality: North Sumatra  
 Preservation: Stock agar, 24-27°C

***Salmonella paratyphi A***

MUICC Number: MUI-SparA 00118  
Source of sample: Blood  
Locality: Central Java  
Preservation: TSB + glycerol,  
-80°C

***Salmonella typhi***

MUICC Number: MUI-Styp 00119  
Source of sample: Blood  
Locality: DKI Jakarta  
Preservation: Cryotube bead,  
-80°C

***Salmonella typhi***

MUICC Number: MUI-Styp 00219  
Source of sample: Blood  
Locality: DKI Jakarta  
Preservation: Stock agar, 24-27°C

***Salmonella typhimurium***

MUICC Number: MUI-Stym 00219  
Source of sample: Blood  
Locality: DKI Jakarta  
Preservation: Stock agar, 24-27°C

***Serratia marcescens***

MUICC Number: MUI-Smar 00119  
Source of sample: Sputum  
Locality: DKI Jakarta  
Preservation: Stock agar, 24-27°C

***Serratia marcescens***

MUICC Number: MUI-Smar 00119 L  
Source of sample: Water  
Locality: North Sumatra  
Preservation: Stock agar, 24-27°C

***Serratia odorifera***

MUICC Number: MUI-Sodo 00119 L  
Source of sample: Finger  
Locality: North Sumatra  
Preservation: Stock agar, 24-27°C

***Shigella sonnei***

MUICC Number: MUI-Shson 00118  
Source of sample: Feces  
Locality: Central Java  
Preservation: Cryotube bead,  
24-27°C

***Shigella sonnei***

MUICC Number: MUI-Shson 00119  
Source of sample: Feces  
Locality: Central Java  
Preservation: Stock agar, 24-27°C

***Staphylococcus aureus* MRSA**

MUICC Number: MUI-MRSA 00119  
Source of sample: Pus  
Locality: DKI Jakarta  
Preservation: Stock agar, 24-27°C

***Staphylococcus aureus* MRSA**

MUICC Number: MUI-MRSA 00219  
Source of sample: Pus  
Locality: DKI Jakarta  
Preservation: Stock agar, 24-27°C

***Staphylococcus aureus* MRSA**

MUICC Number: MUI-MRSA 00320  
Source of sample: Pus  
Locality: DKI Jakarta  
Preservation: Stock agar, 24-27°C

***Staphylococcus capitis***

MUICC Number: MUI-Scap 00119  
Source of sample: Uretral discharge  
Locality: DKI Jakarta  
Preservation: Cryotube bead,  
-80°C

***Staphylococcus citreus***

MUICC Number: MUI-Scit 00119  
Source of sample: Uretral discharge  
Locality: DKI Jakarta  
Preservation: Stock agar, 24-27°C

***Staphylococcus cohnii***

MUICC Number: **MUI-Stco 00119 L**  
 Source of sample: Air conditioner  
 Locality: West Java  
 Preservation: Stock agar, 24-27°C

***Staphylococcus epidermis***

MUICC Number: **MUI-Sep 00118**  
 History: -  
 Source of sample: Uretral discharge  
 Locality: DKI Jakarta  
 Preservation: TSB + glycerol,  
 24-27°C

***Staphylococcus epidermidis***

MUICC Number: **MUI-Sep 00118**  
 Source of sample: Feces  
 Locality: DKI Jakarta  
 Preservation: Stock agar, 24-27°C

***Staphylococcus epidermidis***

MUICC Number: **MUI-Sep 00118**  
 Source of sample: Uretral discharge  
 Locality: DKI Jakarta  
 Preservation: TSB + glycerol,  
 24-27°C

***Staphylococcus epidermidis***

MUICC Number: **MUI-Sepi 00119**  
 Source of sample: Uretral discharge  
 Locality: DKI Jakarta  
 Preservation: Cryotube bead,  
 -80°C

***Staphylococcus epidermidis***

MUICC Number: **MUI-Sepi 00219**  
 Source of sample: Blood  
 Locality: DKI Jakarta  
 Preservation: Stock agar, 24-27°C

***Staphylococcus epidermidis***

MUICC Number: **MUI-Stpi 00119 L**  
 Source of sample: Finger

Locality: North Sumatra  
 Preservation: Stock agar, 24-27°C

***Staphylococcus epidermidis***

MUICC Number: **MUI-Stpi 00219 L**  
 Source of sample: Finger  
 Locality: North Sumatra  
 Preservation: Stock agar, 24-27°C

***Staphylococcus epidermidis***

MUICC Number: **MUI-Sepi 00120**  
 Source of sample: Sperm  
 Locality: DKI Jakarta  
 Preservation: Stock agar, 24-27°C

***Staphylococcus haemolyticus***

MUICC Number: **MUI-Sae 00119**  
 Source of sample: Uretral discharge  
 Locality: DKI Jakarta  
 Preservation: Stock agar, 24-27°C

***Staphylococcus hominis***

MUICC Number: **MUI-Shom 00119**  
 History: -  
 Source of sample: Blood  
 Locality: West Java  
 Preservation: Stock agar, 24-27°C

***Staphylococcus hominis***

MUICC Number: **MUI-Stap 00119 L**  
 Source of sample: Finger  
 Locality: North Sumatra  
 Preservation: Stock agar, 24-27°C

***Staphylococcus lunteus***

MUICC Number: **MUI-Slun 00119**  
 History: -  
 Source of sample: Urine  
 Locality: DKI Jakarta  
 Preservation: Cryotube bead,  
 -80°C



***Staphylococcus warneri***

MUICC Number: MUI-Swar 00119 L  
 Source of sample: Floor  
 Locality: DKI Jakarta  
 Preservation: Stock agar, 24-27°C

***Stenotrophomonas maltophilia***

MUICC Number: MUI-Smal 00119  
 Source of sample: Bronchial rinse liquid  
 Locality: DKI Jakarta  
 Preservation: Cryotube bead,  
 -80 °C

***Stenotrophomonas maltophilia***

MUICC Number: MUI-Smal 00120  
 Source of sample: Feces  
 Locality: DKI Jakarta  
 Preservation: Stock agar, 24-27°C

***Streptococcus agalactiae***

MUICC Number: MUI-Sag 00118  
 Source of sample: Urine  
 Locality: DKI Jakarta  
 Preservation: TSB + glycerol,  
 -80 °C

***Streptococcus agalactiae***

MUICC Number: MUI-Sag 00218  
 Source of sample: Urine  
 Locality: DKI Jakarta  
 Preservation: TSB + glycerol,  
 -80 °C

***Streptococcus dysgalactiae***

MUICC Number: MUI-Sdys 00119  
 History: -  
 Source of sample: Pus  
 Locality: West Java  
 Preservation: Stock agar, 24-27°C

***Streptococcus gordonii***

MUICC Number: MUI-Sgor 00119 L  
 Source of sample: Dental 4  
 Locality: North Sumatra  
 Preservation: Stock agar, 24-27°C

***Streptococcus mitis***

MUICC Number: MUI-Smi 00118  
 History: -  
 Source of sample: Urine  
 Locality: West Java  
 Preservation: TSB + glycerol,  
 -80 °C

***Streptococcus mitis***

MUICC Number: MUI-Smi 00118  
 Source of sample: Throat swab  
 Locality: DKI Jakarta  
 Preservation: TSB + glycerol,  
 -80°C

***Streptococcus mitis/ S. oralis***

MUICC Number: MUI-Smit 00120  
 Source of sample: Sperm  
 Locality: DKI Jakarta  
 Preservation: Stock agar, 24-27°C

***Streptococcus parasanguinis***

MUICC Number: MUI-Sps 00119  
 Source of sample: Sputum  
 Locality: DKI Jakarta  
 Preservation: Cryotube bead,  
 -80°C

***Streptococcus pyogenes***

MUICC Number: MUI-Spy 00118  
 Source of sample: Pus  
 Locality: DKI Jakarta  
 Preservation: Stock agar, 24-27°C

***Vibrio air***

MUICC Number: **MUI-Vair 00119**

Source of sample: Feces

Locality: DKI Jakarta

Preservation: Stock agar, 24-27°C

***Vibrio parahaemolyticus***

MUICC Number: **MUI-Vph 00119**

Source of sample: Feces

Locality: DKI Jakarta

Preservation: Stock agar, 24-27°C



# UNIVERSITAS NEGERI JAKARTA CULTURE COLLECTION (UNJCC)

## PROFILE UNIVERSITAS NEGERI JAKARTA CULTURE COLLECTION (UNJCC)

<b>Name of Culture Collection</b>	Universitas Negeri Jakarta Culture Collection
<b>Acronym</b>	UNJCC
<b>Parent organization</b>	Jakarta State University
<b>Address</b>	Jl. Rawamangun Muka, Rawamangun, East Jakarta 13220, Indonesia
<b>Phone, email</b>	biologi@unj.ac.id; Dalia-Sukmawati@unj.ac.id
<b>Website</b>	<a href="https://fmipa.unj.ac.id/biologi/unjcc">https://fmipa.unj.ac.id/biologi/unjcc</a>
<b>Head of Collection</b>	Dr. Dalia Sukmawati, M.Si
<b>Members and speciality</b>	<ul style="list-style-type: none"> <li>- Dr. Dalia Sukmawati, M.Si (Probiotic, Mycology, Microbial Systematics, Microbial Ecology and Food Security)</li> <li>- Prof. Dr. Muktiningsih N., M.Si (Biochemistry and Biotechnology)</li> <li>- Dr. Tri Handayani Kurniyati, M. Si. (Bacteria, Microbial Fermentation)</li> <li>- Shabrina Nida A., S.Si. (Food Microbiology, Food Biotechnology, Food Sciences, Food Security, Agricultural Microbiology)</li> <li>- Dr. Reni Indrayanti, M.Si (Plant Tissue Culture)</li> </ul>
<b>Kinds of holdings</b>	Filamentous fungi, yeast, bacteria
<b>Services</b>	Bioprospect, identification molecular, enzyme assay
<b>Preservation methods</b>	Freezing at- 20°C, Beads



## LIST OF FILAMENTOUS FUNGI

### *Aspergillus aculeatus*

UNJCC Number: **UNJCC F99**  
 History: UNJCC F99 ← D. Dellanerra, A5 in ←  
 Dalia Sukmawati  
 Source of sample: *Pyrostegia venusta*  
 Locality: Bali  
 Cultivation: PDA, 28°C

### *Aspergillus aculeatus*

UNJCC Number: **UNJCC F102**  
 History: UNJCC F102 ← D. Dellanerra, Dalia  
 Sukmawati, P2  
 Source of sample: *Pyrostegia venusta*  
 Locality: Bali  
 Cultivation: PDA, 28°C

### *Aspergillus aculeatus*

UNJCC Number: **UNJCC F103**  
 History: UNJCC F103 ← D. Dellanerra, Dalia  
 Sukmawati, P3  
 Source of sample: *Pyrostegia venusta*  
 Locality: Bali  
 Cultivation: PDA, 28°C

### *Aspergillus aculeatus*

UNJCC Number: **UNJCC F104**  
 History: UNJCC F104 ← D. Dellanerra, Dalia  
 Sukmawati, P4  
 Source of sample: *Pyrostegia venusta*  
 Locality: Bali  
 Cultivation: PDA, 28°C

### *Aspergillus brassiliensis*

UNJCC Number: **UNJCC F23**  
 History: UNJCC F23 ← Andisa, Dalia Sukmawati,  
 A1  
 Source of sample: Rotten apple (*Malus sylvestri*)  
 Locality: DKI Jakarta  
 Cultivation: PDA, 28°C

### *Aspergillus brassiliensis*

UNJCC Number: **UNJCC F39**  
 History: UNJCC F39 ← Andisa, Dalia Sukmawati,  
 A17  
 Source of sample: Rotten apple (*Malus sylvestri*)  
 Locality: DKI Jakarta  
 Cultivation: PDA, 28°C

### *Aspergillus flavus*

UNJCC Number: **UNJCC F8**  
 History: UNJCC F8 ← Agustina, Dalia  
 Sukmawati, P3  
 Source of sample: *Zea mays*  
 Locality: West Java  
 Cultivation: PDA, 28°C

### *Aspergillus flavus*

UNJCC Number: **UNJCC F46**  
 History: UNJCC F46 ← Famili, Dalia Sukmawati,  
 K9 source of sample: Rotten orange (*Citrus  
 sinensis*)  
 Locality: DKI Jakarta  
 Cultivation: PDA, 28°C

***Aspergillus flavus***UNJCC Number: **UNJCC F55**

History: UNJCC F55 ← Agustina, Dalia Sukmawati, P3

Source of sample: Corn kernel (*Zea mays*)

Locality: West Java

Cultivation: PDA, 28°C

***Aspergillus fumigatus***UNJCC Number: **UNJCC F106**

History: UNJCC F106 ← D. Dellanerra, Dalia Sukmawati, P6

Source of sample: *Pyrostegia venusta*

Locality: Bali

Cultivation: PDA, 28°C

***Aspergillus niger***UNJCC Number: **UNJCC F49**History: UNJCC F49 ← Famili, K9, Dalia Sukmawati, Source of sample: Rotten orange (*Citrus sinensis*)

Locality: DKI Jakarta

Cultivation: PDA, 28°C

***Aspergillus neoellipticus***UNJCC Number: **UNJCC F101**

History: UNJCC F101 ← D. Dellanerra, Dalia Sukmawati, P1

Source of sample: *Pyrostegia venusta*

Locality: Bali

Cultivation: PDA, 28°C

***Aspergillus oryzae***UNJCC Number: **UNJCC F100**

History: UNJCC F100 ← D. Dellanerra, Dalia Sukmawati, A6

Source of sample: *Pyrostegia venusta*

Locality: Bali

Cultivation: PDA, 28°C

***Aspergillus terreus* (ITS r DNA region)**UNJCC Number: **UNJCC F26**

History: UNJCC F26 ← Rapika, Dalia, D3.T3.3

Source of sample: Root of sugar cane

Locality: Lampung

Cultivation: PDA, 28°C

***Aspergillus* sp. (based on conventional identification)**UNJCC Number: **UNJCC F44**History: UNJCC F44 ← Famili, Dalia Sukmawati, K4 Source of sample: Rotten orange (*Citrus sinensis*)

Locality: DKI Jakarta

Cultivation: PDA, 28°C

***Byssochlamys spectabilis* (ITS r DNA region)**UNJCC Number: **UNJCC F2**

History: UNJCC F2 ← Gibran, TK1B

Source of sample: *Boesenbergia rotunda*

Locality: West Java

Cultivation: PDA, 28°C

***Colletotrichum siamense* (ITS r DNA region)**UNJCC Number: **UNJCC F14**

History: UNJCC F14 ← Allika, Dalia Sukmawati, C4.7

Source of sample: Cacao

Locality: Sentul

Cultivation: PDA, 28°C

***Codinaea acaciae***UNJCC Number: **UNJCC F145**

History: UNJCC Y-145 ← Suroño, Dalia, 14

Source of sample: Palm Oil

Locality: -

Cultivation: PDA, 28°C

***Curvularia alcornii***UNJCC Number: **UNJCC F141**

History: UNJCC Y-141 ← Suroño, Dalia, 10

Source of sample: Palm oil

Locality: -

Cultivation: PDA, 28°C

***Curvularia alcornii***UNJCC Number: **UNJCC F142**

History: UNJCC Y-142 ← Suroño, Dalia, 11

Source of sample: Palm oil

Locality:

Cultivation: PDA, 28°C

***Curvularia fallax* (ITS r DNA region)**

UNJCC Number: **UNJCC F130**

History: UNJCC F130 ← LIPI, AP12

Source of sample: Root of *Oryza sativa*

Locality: -

Cultivation: PDA, 28°C

***Curvularia geniculata* (ITS r DNA region)**

UNJCC Number: **UNJCC F131**

History: UNJCC F131 ← LIPI, AP20

Source of sample: Root of *Oryza sativa*

Locality: -

Cultivation: PDA, 28°C

***Curvularia soli***

UNJCC Number: **UNJCC F140**

History: UNJCC Y-140←Surono, Dalia, 9

Source of sample: Palm Oil

Locality: -

Cultivation: PDA, 28°C

***Dictyochaeta lithocarpi***

UNJCC Number: **UNJCC F133**

History: UNJCC Y-133 ← Surono, Dalia, 2

Source of sample: Palm Oil

Locality: -

Cultivation: PDA, 28°C

***Exophiala pisciphila***

UNJCC Number: **UNJCC F143**

History: UNJCC Y-143 ← Surono, Dalia, 12

Source of sample: Palm Oil

Locality: -

Cultivation: PDA, 28°C

***Fusarium solani* (ITS r DNA region)**

UNJCC Number: **UNJCC F18**

History: UNJCC F18 ← Allika, Dalia Sukmawati, C4.8

Source of sample: Cacao

Locality: Sentul

Cultivation: PDA, 28°C

***Fusarium solani***

UNJCC Number: **UNJCC F136**

History: UNJCC Y-136 ← Surono, Dalia, 5

Source of sample: Palm Oil

Locality: -

Cultivation: PDA, 28°C

***Fusarium solani***

UNJCC Number: **UNJCC F137**

History: UNJCC Y-137←Surono, Dalia, 6

Source of sample: Palm Oil

Locality: -

Cultivation: PDA, 28°C

***Fusarium solani* (ITS r DNA region)**

UNJCC Number: **UNJCC F17**

History: UNJCC F138 ← Fira, Dalia Sukmawati, G 16 3

Source of sample: Root of palm oil

Locality: Lampung

Cultivation: PDA, 28°C

***Fusarium decemcellulare* (ITS r DNA region)**

UNJCC Number: **UNJCC F9**

History: UNJCC F9 ← Allika, Dalia Sukmawati, C1.8

Source of sample: Cacao

Locality: Sentul

Cultivation: PDA, 28°C

***Fusarium oxysporum***

UNJCC Number: **UNJCC F134**

History: UNJCC Y-134 ← Surono, Dalia, 3

Source of sample: Palm Oil

Locality: -

Cultivation: PDA, 28°C



***Lasiodiplodia pseudotheobromae* (ITS r DNA region)**UNJCC Number: **UNJCC F123**History: UNJCC Y-109 ← J. Sofiana, Dalia Sukmawati, MA3 Source of sample: *Mangifera indica*

Locality: Cikarang

Cultivation: PDA, 28°C

***Mycelia sterilia***UNJCC Number: **UNJCC F7**History: UNJCC F7 ← Saida, 47 Dalia Sukmawati  
Source of sample: Chicken feet

Locality: West Java

Cultivation: PDA, 28°C

***Nectria haematococca***UNJCC Number: **UNJCC F132**

History: UNJCC Y-132 ← Surono, Dalia, 1

Source of sample: Palm oil

Locality: -

Cultivation: PDA, 28°C

***Paecylomyces* sp. (based on conventional identification)**UNJCC Number: **UNJCC F11**

History: UNJCC F11 ← Saida, Dalia Sukmawati, 20

Source of sample: Chicken feet Locality: West Java

Cultivation: PDA, 28°C

***Penicillium expansum* (ITS r DNA region)**UNJCC Number: **UNJCC F97**

History: UNJCC F97 ← D. Dellanerra, A1

Source of sample: *Pyrostegia venusta*

Locality: Bali

Cultivation: PDA, 28°C

***Penicillium javanicum* (ITS r DNA region)**UNJCC Number: **UNJCC F25**

History: UNJCC F25 ← Rapika, Dalia, D3.T2.4

Source of sample: Root of sugarcane

Locality: Lampung

Cultivation: PDA, 28°C

***Penicillium* sp. (based on conventional identification)**UNJCC Number: **UNJCC F16**

History: UNJCC F16 ← Saida, 45

Source of sample: Chicken feet

Locality: West Java

Cultivation: PDA, 28°C

***Penicillium* sp. (based on conventional identification)**UNJCC Number: **UNJCC F19**

History: UNJCC F19 ← Saida, 51

Source of sample: Chicken feet

Locality: West Java

Cultivation: PDA, 28°C

***Penicillium* sp. (based on conventional identification)**UNJCC Number: **UNJCC F74**

History: UNJCC F74 ← Saida, 1

Source of sample: Chicken feet

Locality: West Java

Cultivation: PDA, 28°C

***Penicillium singorense* (ITS r DNA region)**UNJCC Number: **UNJCC F24**

History: UNJCC F24 ← Rapika, Dalia, D2.T2.1

Source of sample: Root of sugarcane

Locality: Lampung

Cultivation: PDA, 28°C

***Penicillium tanzanicum* (ITS r DNA region)**UNJCC Number: **UNJCC F105**

History: UNJCC F105 ← D. Dellanerra, P5

Source of sample: *Pyrostegia venusta*

Locality: Bali

Cultivation: PDA, 28°C

***Pleosporales* sp.**

UNJCC Number: **UNJCC F6**

History: UNJCC F6 ← Gibran, Dalia Sukmawati, TK4B

Source of sample: *Boesenbergia rotunda*

Locality: West Java

Cultivation: PDA, 28°C

***Pseudomassarina clematidis***

UNJCC Number: **UNJCC F138**

History: UNJCC Y-138 ← Surono, Dalia, 7

Source of sample: Palm Oil

Locality: -

Cultivation: PDA, 28°C

***Prosthemium intermedium***

UNJCC Number: **UNJCC F144**

History: UNJCC Y-144 ← Surono, Dalia, 13

Source of sample: Palm Oil

Locality: -

Cultivation: PDA, 28°C

***Tetraplophaeria sasicola***

UNJCC Number: **UNJCC F15**

History: UNJCC F15 ← Fira, Dalia Sukmawati, KS2 (TK)B

Source of sample: Root of palm oil

Locality: Lampung

Cultivation: PDA, 28°C

***Trichoderma virens***

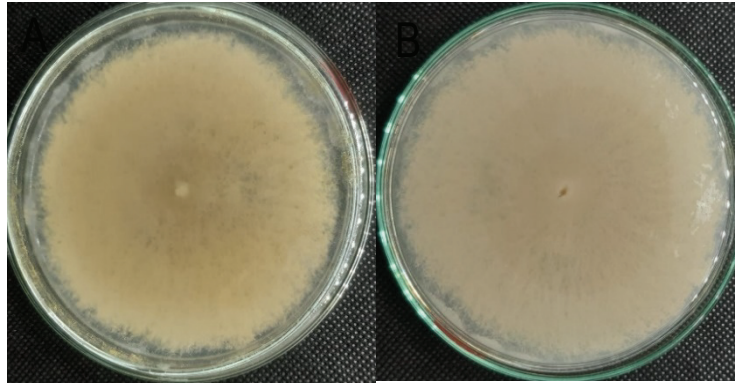
UNJCC Number: **UNJCC F147**

History: UNJCC Y-147 ← Surono, Dalia, 16

Source of sample: Palm Oil

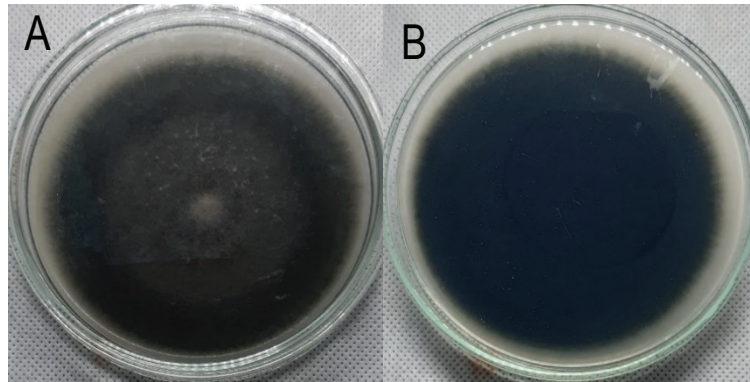
Locality: -

Cultivation: PDA, 28°C



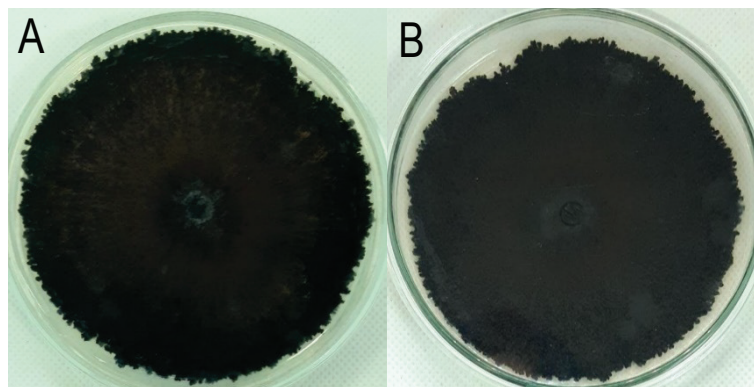
Source: UNJCC (2020)

**Figure 4.1** *Byssochlamys spectabilis* UNJCC F2 (A) dorsal view; (B) ventral view



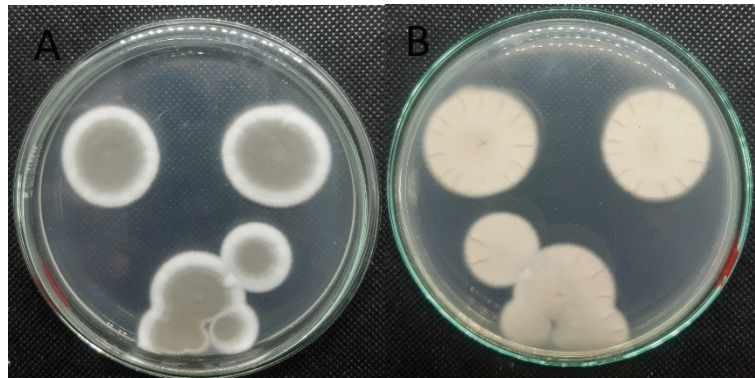
Source: UNJCC (2020)

**Figure 4.2** *Pleosporales* sp. UNJCC F6 (A) dorsal view; (B) ventral view



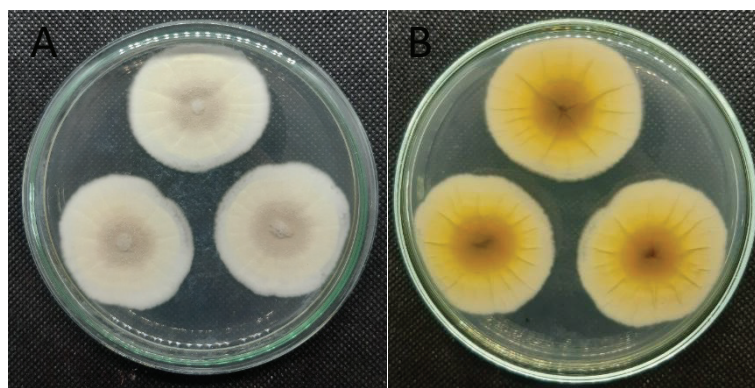
Source: UNJCC (2021)

**Figure 4.3** *Tetraplosphaeria sasicola* UNJCC F15 (A) dorsal view; (B) ventral view



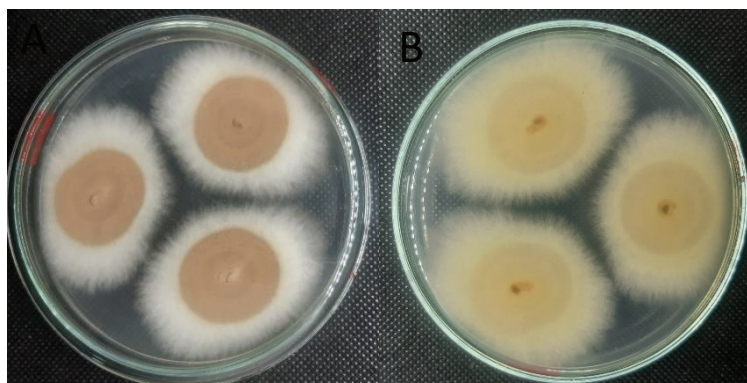
Source: UNJCC (2021)

**Figure 4.4** *P. singorense* UNJCC F24 (A) dorsal view and (B) ventral view



Source: UNJCC (2021)

**Figure 4.5** *P. javanicum* UNJCC F25 (A) dorsal view and (B) ventral view



Source: UNJCC (2021)

**Figure 4.6** *A. terreus* UNJCC F26 (A) dorsal view and (B) ventral view



## LIST OF YEAST

### *Aerobasidium namibae* (D1/D2 r DNA region)

UNJCC Number: UNJCC Y-31  
 History: UNJCC Y-31 ← D. Sukmawati, T112  
 Source of sample: *Cerbera manghas*  
 Locality: Bekasi  
 Cultivation: YMA, 28°C

### *Aerobasidium pullulans* (D1/D2 r DNA region)

UNJCC Number: UNJCC Y-1  
 History: UNJCC Y-1 ← M. Hanin, D. Sukmawati, K4  
 Source of sample: *Moringa oleifera*  
 Locality: West Java  
 Cultivation: YMA, 28°C

### *Aerobasidium pullulans* (D1/D2 r DNA region)

UNJCC Number: UNJCC Y-2  
 History: UNJCC Y-2 ← M. Hanin, D. Sukmawati, K10  
 Source of sample: *Moringa oleifera*  
 Locality: West Java  
 Cultivation: YMA, 28°C

### *Aerobasidium pullulans*

UNJCC Number: UNJCC Y-3  
 History: UNJCC Y-3 ← Nisa, D. Sukmawati, T1D1WU2.2(3)  
 Source of sample: *Tectona grandis*  
 Locality: West Java  
 Cultivation: YMA, 28°C

### *Aerobasidium pullulans*

UNJCC Number: UNJCC Y-4  
 History: UNJCC Y-4 ← Nisa, D. Sukmawati, T1D2WU1.4  
 Source of sample: *Tectona grandis*  
 Locality: West Java  
 Cultivation: YMA, 28 °C

### *Aerobasidium pullulans*

UNJCC Number: UNJCC Y-5  
 History: UNJCC Y-5 ← Nisa, D. Sukmawati, T1D1WU2.2a  
 Source of sample: *Tectona grandis*  
 Locality: West Java  
 Cultivation: PDA, 28°C

### *Aerobasidium pullulans*

UNJCC Number: UNJCC Y-12  
 History: UNJCC Y-12 ← M. Hanin, D. Sukmawati, K4  
 Source of sample: *Moringa oleifera*  
 Locality: DKI Jakarta  
 Cultivation: YMA, 28°C

### *Candida metapsilosis*

UNJCC Number: UNJCC Y-13  
 History: UNJCC Y-13 ← M. Hanin, D. Sukmawati, K32  
 Source of sample: *Moringa oleifera*  
 Locality: DKI Jakarta  
 Cultivation: YMA, 28°C

***Candida psychrophila***

UNJCC Number: UNJCC Y-120  
 History: UNJCC Y-120 ← Ridha, 41  
 Source of sample: *Phyllanthus acidus*  
 Locality: Jakarta  
 Cultivation: YMA, 28°C

***Candida sarboxylosa***

UNJCC Number: UNJCC Y-143  
 History: UNJCC Y-140 ← Zakiah, D. Sukmawati, DU 4.22  
 Source of sample: *Durio kutenjensis*  
 Locality: Kalimantan  
 Cultivation: YMA, 28°C

***Candida tropicalis***

UNJCC Number: UNJCC Y-118  
 History: UNJCC Y-118 ← Ridha, 12  
 Source of sample: *Phyllanthus acidus*  
 Locality: Jakarta  
 Cultivation: YMA, 28°C

***Candida tropicalis***

UNJCC Number: UNJCC Y-119  
 History: UNJCC Y-119 ← Ridha, 32  
 Source of sample: *Phyllanthus acidus*  
 Locality: Jakarta  
 Cultivation: YMA, 28°C

***Candida tropicalis***

UNJCC Number: UNJCC Y-121  
 History: UNJCC Y-121 ← Ridha, 51  
 Source of sample: *Phyllanthus acidus*  
 Locality: Jakarta  
 Cultivation: YMA, 28°C

***Candida tropicalis***

UNJCC Number: UNJCC Y-140  
 History: UNJCC Y-140 ← Zakiah, D. Sukmawati, DU 3.2  
 Source of sample: *Durio kutenjensis*  
 Locality: Kalimantan  
 Cultivation: YMA, 28 °C

***Cyberlindnera fabianii***

UNJCC Number: UNJCC Y-144  
 History: UNJCC Y-140 ← Zakiah, D. Sukmawati, DU 4.2  
 Source of sample: *Durio kutenjensis*  
 Locality: Kalimantan  
 Cultivation: YMA, 28°C

***Kluyveromyces lactis***

UNJCC Number: UNJCC Y-25  
 History: UNJCC Y-25 ← D. Sukmawati, UTM  
 Source of sample: -  
 Locality: Johor  
 Cultivation: YMA, 28°C

***Meyerozyma guilliermondii***

UNJCC Number: UNJCC Y-78  
 History: UNJCC Y-78 ← Aldi, C1.1  
 Source of sample: *Theobroma cacao*  
 Locality: Sentul  
 Cultivation: YMA, 28°C

***Meyerozyma guilliermondii***

UNJCC Number: UNJCC Y-159  
 History: UNJCC Y-78 ← Allika, D. Sukmawati, C1.2.4  
 Source of sample: Fermented cocoa bean  
 Locality: Sentul  
 Cultivation: YMA, 28°C

***Pichia cecembensis***

UNJCC Number: UNJCC Y-157  
 History: UNJCC Y-157 ← Siti, D. Sukmawati, C6.5.6  
 Source of sample: Fermented cocoa bean  
 Locality: Sentul  
 Cultivation: YMA, 28°C

***Pichia kudriavzevii***

UNJCC Number: UNJCC Y-77  
 History: UNJCC Y-77 ← Aldi, D. Sukmawati, KHC  
 Source of sample: *Theobroma cacao*  
 Locality: Lampung  
 Cultivation: YMA, 28°C

***Pichia kudriavzevii***

UNJCC Number: **UNJCC Y-103**  
 History: UNJCC Y-103 ← Zico Arman, D. Sukmawati, IL136  
 Source of sample: Brem white rice, fermented for 5 days  
 Locality: Lombok  
 Cultivation: YMA, 28°C

***Pichia kudriavzevii***

UNJCC Number: **UNJCC Y-105**  
 History: UNJCC Y-105 ← Zico Arman, D. Sukmawati, IL146  
 Source of sample: Brem white rice, fermented for 5 days  
 Locality: Lombok  
 Cultivation: YMA, 28°C

***Pichia kudriavzevii***

UNJCC Number: **UNJCC Y-108**  
 History: UNJCC Y-108 ← Zico Arman, D. Sukmawati, IL164  
 Source of sample: Brem white rice, fermented for 5 days  
 Locality: Lombok  
 Cultivation: YMA, 28°C

***Pichia kudriavzevii***

UNJCC Number: **UNJCC Y-109**  
 History: UNJCC Y-109 ← Zico Arman, D. Sukmawati, IL181  
 Source of sample: Brem white rice, fermented for 5 days  
 Locality: Lombok  
 Cultivation: YMA, 28°C

***Pichia kudriavzevii***

UNJCC Number: **UNJCC Y-137**  
 History: UNJCC Y-137 ← Zakiah, D. Sukmawati, DU 1.23  
 Source of sample: *Durio kutenjensis*  
 Locality: Kalimantan  
 Cultivation: YMA, 28°C

***Pichia kudriavzevii***

UNJCC Number: **UNJCC Y-155**  
 History: UNJCC Y-155 ← Siti, D. Sukmawati, C6.4.4  
 Source of sample: Fermented cocoa bean  
 Locality: Sentul  
 Cultivation: YMA, 28°C

***Pichia kudriavzevii***

UNJCC Number: **UNJCC Y-156**  
 History: UNJCC Y-156 ← Siti, D. Sukmawati, C6.4.12  
 Source of sample: Fermented cocoa bean  
 Locality: Sentul  
 Cultivation: YMA, 28°C

***Pichia kudriavzevii***

UNJCC Number: **UNJCC Y-160**  
 History: UNJCC Y-160 ← Allika, D. Sukmawati, C4.4.10  
 Source of sample: Fermented cocoa bean  
 Locality: Sentul  
 Cultivation: YMA, 28°C

***Pichia kudriavzevii***

UNJCC Number: **UNJCC Y-161**  
 History: UNJCC Y-160 ← Allika, D. Sukmawati, C6.5.3  
 Source of sample: Fermented cocoa bean  
 Locality: Sentul  
 Cultivation: YMA, 28°C

***Pichia manshurica***

UNJCC Number: **UNJCC Y-123**  
 History: UNJCC Y-141 ← Mutia B, D. Sukmawati, IB 15  
 Source of sample: Bali palm wine + Kutat bark direct from the tree  
 Locality: Lombok  
 Cultivation: YMA, 28°C



***Pichia manshurica***UNJCC Number: **UNJCC Y-142**

History: UNJCC Y-142 ← Mutia B, D. Sukmawati, IB 36

Source of sample: Durian

Locality: Lombok

Cultivation: YMA, 28°C

***Rhodotorula truloides***UNJCC Number: **UNJCC Y-20**

History: UNJCC Y-120 ← F. Nurmayanti, D. Sukmawati, LCA 102

Source of sample: *Flacourita inermis*

Locality: DKI Jakarta

Cultivation: YMA, 28°C

***Rhodotorula alborubescens***UNJCC Number: **UNJCC Y-158**

History: UNJCC Y-158 ← Allika, D. Sukmawati, C1.1.12

Source of sample: Fermented cocoa bean

Locality: Sentul

Cultivation: YMA, 28°C

***Saccharomyces cerevisiae***UNJCC Number: **UNJCC Y-83**

History: UNJCC Y-83 ← Mutia B, D. Sukmawati, IB 20

Source of sample: Bali palm wine + Kutat bark direct from the tree

Locality: Bali

Cultivation: YMA, 28°C

***Saccharomyces cerevisiae***UNJCC Number: **UNJCC Y-84**

History: UNJCC Y-84 ← Mutia B, IB 21

Source of sample: Bali palm wine + Kutat bark direct from the tree

Locality: Bali

Cultivation: YMA, 37°C

***Saccharomyces cerevisiae***UNJCC Number: **UNJCC Y-87**

History: UNJCC Y-87 ← Zico Arman, D. Sukmawati IL179

Source of sample: Brem red rice Lombok, 4 months fermentation

Locality: Lombok

Cultivation: YMA, 28°C

***Saccharomyces cerevisiae***UNJCC Number: **UNJCC Y-94**

History: UNJCC Y-94 ← Zico Arman, IL111

Source of sample: Brem red Lombok, fermented for 4 months

Locality: Lombok

Cultivation: YMA, 28°C

***Saccharomyces cerevisiae***UNJCC Number: **UNJCC Y-117**

History: UNJCC Y-117 ← Ridha, D1

Source of sample: *Phyllanthus acidus*

Locality: Jakarta

Cultivation: YMA, 28°C

***Trichosporon asahii***UNJCC Number: **UNJCC Y-79**

History: UNJCC Y-79 ← Aldi, C2.2

Source of sample: *Theobroma cacao*

Locality: Sentul

Cultivation: YMA, 28°C

***Trichosporon coremiiforme***UNJCC Number: **UNJCC Y-9**

History: UNJCC Y-9 ← Wulandari, Dalia

Source of sample: Pulp of *Artocarpus heterophyllus* Kutat bark

Locality: West Java

Cultivation: YMA, 28°C

***Vishniacozyma victoriae***UNJCC Number: **UNJCC Y-86**

History: UNJCC Y-86 ← Zico Arman, IL78

Source of sample: Brem white rice, fermented for 4 months

Locality: Lombok

Cultivation: YMA, 28°C

***Vishniacozyma victoriae***

UNJCC Number: **UNJCC Y-88**

History: UNJCC Y-88 ← Zico Arman, IL80

Source of sample: Brem white rice, fermented for 5 days

Locality: Lombok

Cultivation: YMA, 28°C

***Vishniacozyma victoriae***

UNJCC Number: **UNJCC Y-89**

History: UNJCC Y-89 ← Zico Arman, IL81

Source of sample: Brem white rice, fermented for 5 days

Locality: Lombok

Cultivation: YMA, 28°C

***Vishniacozyma victoriae***

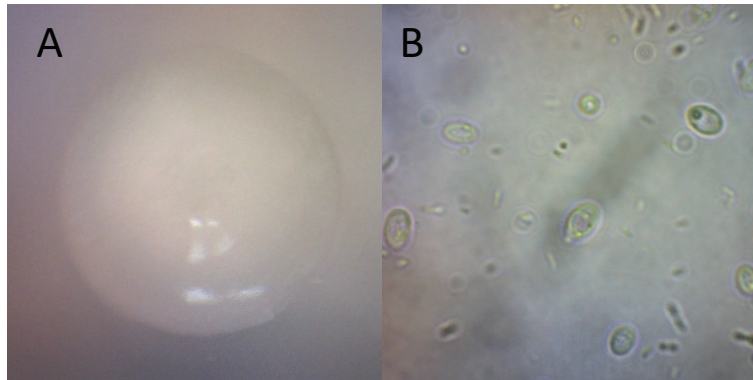
UNJCC Number: **UNJCC Y-91**

History: UNJCC Y-91 ← Zico Arman, IL88

Source of sample: Brem red Lombok, fermented for 4 month

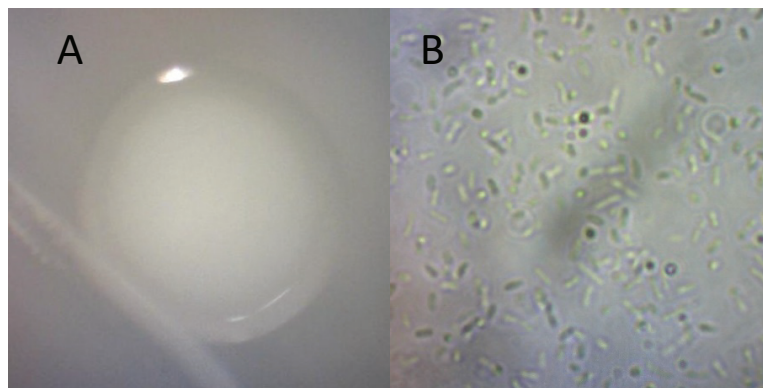
Locality: Lombok

Cultivation: YMA, 28°C



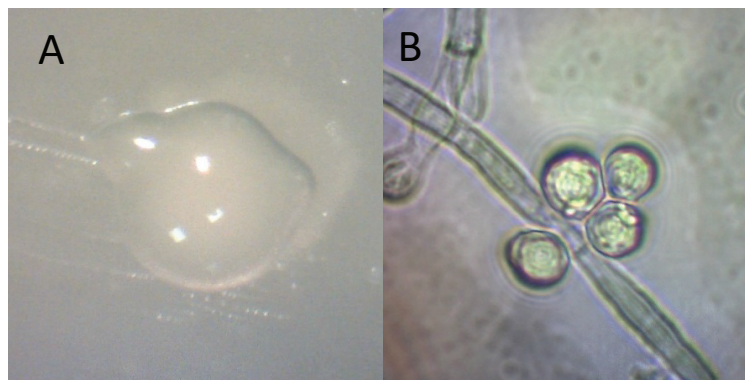
Source: (A) Marham et al. (2016), (B) Sukmawati, Family, et al. (2021)

**Figure 4.7** *A. pullulans* UNJCC Y-5 (A) macroscopic and (B) microscopic.



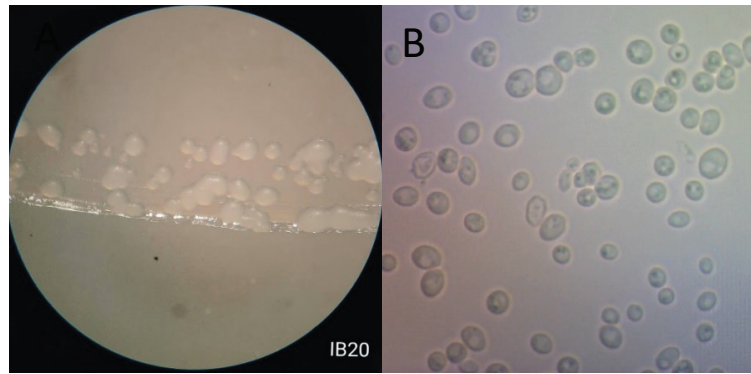
Source: UNJCC (2020), Sukmawati et al. (2020)

**Figure 4.8** *C. metapsilosis* UNJCC Y-13 (A) macroscopic and (B) microscopic



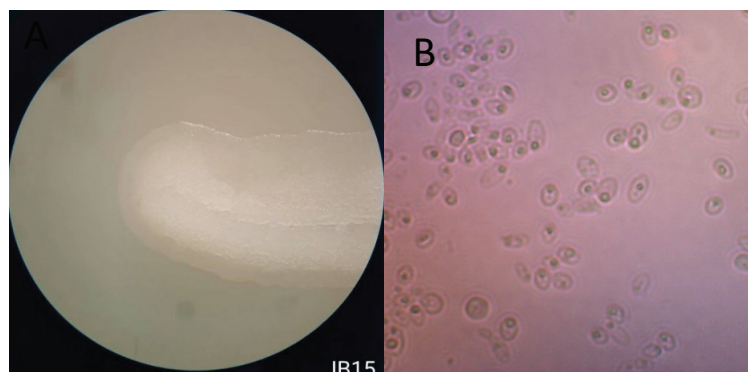
Source: UNJCC (2018), Nurmayanti (2018)

**Figure 4.9** *R. truloides* UNJCC Y-20 (A) macroscopic and (B) microscopic



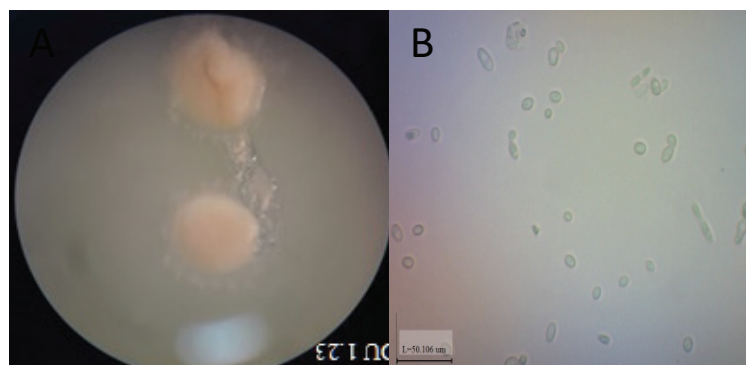
Source: UNJCC (2019), Sukmawati et al. (2019)

**Figure 4.10** *Saccharomyces cerevisiae* Y-83 (A) Macroscopic and (B) Microscopic



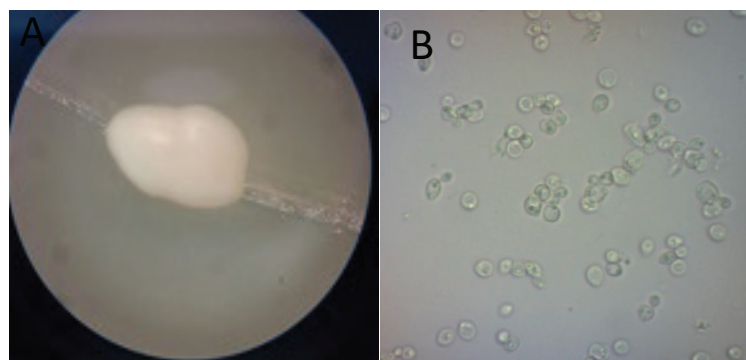
Source: UNJCC (2019), Sukmawati et al. (2019)

**Figure 4.11** *Pichia manshurica* Y-123 (A) Macroscopic; (B) Microscopic.



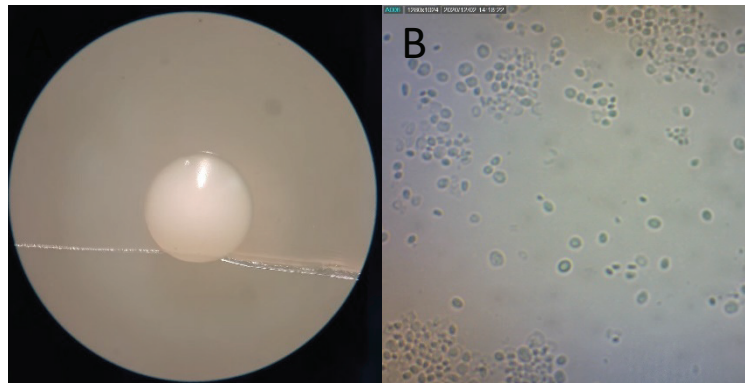
Source: (A) Afifah (2020), (B) Sukmawati, Nurkhasanah, et al. (2021)

**Figure 4.12** *Pichia kudriazevii* UNJCC Y-137 (A) Macroscopic; (B) Microscopic.



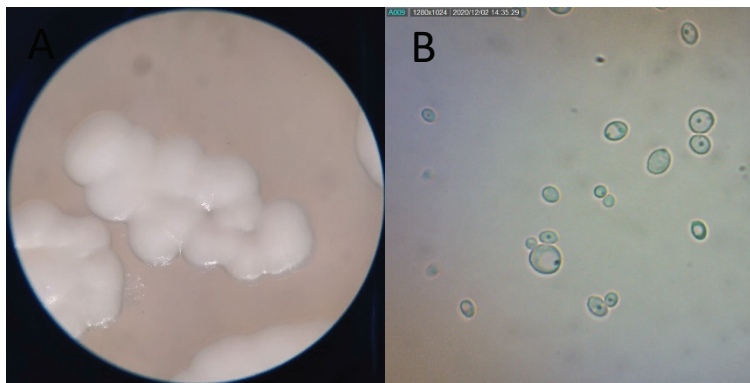
Source: (A) Afifah (2020), (B) Sukmawati, Nurkhasanah, et al. (2021)

**Figure 4.13** *Candida tropicalis* UNJCC-140 (A) Macroscopic; (B) Microscopic.



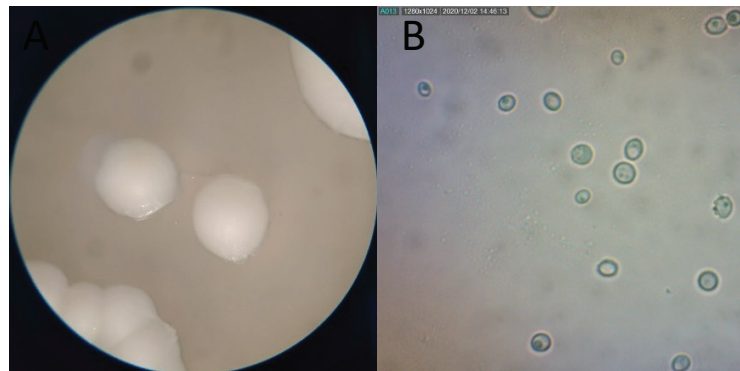
Source: (A) Afifah (2020), (B) Sukmawati, Nurkhasanah, et al. (2021)

**Figure 4.14** *Cyberlindnera fabianii* UNJCC F-144 (A) Macroscopic; (B) Microscopic



Source: (A) Afifah (2020), (B) Sukmawati, Nurkhasanah, et al. (2021)

**Figure 4.15** *Candida tropicalis* UNJCC-148 (A) Macroscopic; (B) Microscopic



Source: (A) Afifah (2020), (B) Sukmawati, Nurkhasanah, et al. (2021)

**Figure 4.16** *Candida tropicalis* UNJCC-149 (A) Macroscopic; (B) Microscopic

## LIST OF BACTERIA

### *Bacillus cereus*

UNJCC Number: **UNJCC B5**  
 History: UNJCC B5 ← Muktiningsih  
 Source of sample: N/A  
 Locality: Johor  
 Cultivation: NA

### *Bacillus pumilus*

UNJCC Number: **UNJCC B7**  
 History: UNJCC B7 ← T. Handayani  
 Source of sample: Oil contaminated soil  
 Locality: Cilincing, North Jakarta  
 Cultivation: NA, 30°C

### *Bacillus subtilis*

UNJCC Number: **UNJCC B8**  
 History: UNJCC B8 ← T. Handayani  
 Source of sample: Dung faeces  
 Locality: Alas Purwo National Park, Banyuwangi, East Java  
 Cultivation: NA, 30°C

### *Bacillus cereus*

UNJCC Number: **UNJCC B9**  
 History: UNJCC B9 ← T. Handayani  
 Source of sample: Dung faeces  
 Locality: Alas Purwo National Park, Banyuwangi, East Java  
 Cultivation: NA, 30°C

### *Curtobacterium sp.*

UNJCC Number: **UNJCC B10**  
 History: UNJCC B10 ← T. Handayani  
 Source of sample: Coconut water  
 Locality: East Jakarta  
 Cultivation: NA, 28°C

### *Gordonia cholesterolivorans*

UNJCC Number: **UNJCC B11**  
 History: UNJCC B11 ← T. Handayani  
 Source of sample: Oil contaminated soil  
 Mangrove area, Jakarta Bay, North Jakarta  
 Cultivation: NA, 30°C

### *Klebsiella pneumoniae*

UNJCC Number: **UNJCC B2**  
 History: UNJCC B2 ← Muktiningsih  
 Source of sample: -  
 Locality: Johor  
 Cultivation: NA

### *Kocuria sp.*

UNJCC Number: **UNJCC B12**  
 History: UNJCC B12 ← T. Handayani  
 Source of sample: Coconut water  
 Locality: East Jakarta  
 Cultivation: NA, 28°C

***Listeria monocytogenes***

UNJCC Number: **UNJCC B3**  
History: UNJCC B3 ← Muktiningsih  
Source of sample: -  
Locality: Johor  
Cultivation: NA

***Peribacillus acanthi***

UNJCC Number: **UNJCC B13**  
History: UNJCC B13 ← T. Handayani  
Source of sample: Canar (*Smilax* sp.) fruit pickled  
Locality: Bogor, West Java  
Cultivation: MRSA/NA, pH 6.5/7, 35°C

***Priestia flexus***

UNJCC Number: **UNJCC B14**  
History: UNJCC B14 ← T. Handayani  
Source of sample: Mango pickled  
Locality: Bogor, West Java  
Cultivation: MRSA/NA, pH 6.5/7, 35°C

***Priestia megaterium***

UNJCC Number: **UNJCC B15**  
History: UNJCC B15 ← T. Handayani  
Source of sample: Nutmeg pickled  
Locality Bogor, West Java  
Cultivation: MRSA/NA, pH 6.5/7, 35°C

***Staphylococcus warneri***

UNJCC Number : **UNJCC B16**  
History: UNJCC B16 ← T. Handayani  
Source of sample: Dung faeces  
Locality: Alas Purwo National Park, Banyuwangi, East Java  
Cultivation: NA, 30°C

***Staphylococcus aureus***

UNJCC Number: **UNJCC B4**  
History: UNJCC B4 ← Muktiningsih  
Source of sample: N/A  
Locality: Johor  
Cultivation: NA

***Yersinia enterocolitica***

UNJCC Number: **UNJCC B1**  
History: UNJCC B1 ← Muktiningsih  
Source of sample: N/A  
Locality: Johor  
Cultivation: NA

# UNIVERSITAS INDONESIA MICROALGAE CULTURE COLLECTION (UIMCC)

## PROFILE UNIVERSITAS INDONESIA MICROALGAE CULTURE COLLECTION (UIMCC)

<b>Name of Culture Collection</b>	Universitas Indonesia Microalgae Culture Collection
<b>Acronym</b>	UIMCC
<b>Parent organization</b>	University of Indonesia
<b>Address</b>	Department of Biology, Faculty of Mathematics and Natural Sciences Pondok Cina, Depok 16424, West Java, Indonesia
<b>Phone, email</b>	+62-21 7270163, +62-2178849009
<b>Website</b>	-
<b>Head of Collection</b>	Dr. Nining Betawati Prihantini, M.Sc.
<b>Members and speciality</b>	Dr. Dian Hendrayanti, M.Sc. (Microalage)
<b>Kinds of holdings</b>	Microalgae
<b>Services</b>	
<b>Preservation methods</b>	Subculturing methods





## LIST OF MICROALGAE

### *Leptolyngbya* sp.

Collection Number: **HS-16**  
 History: PAN003  
 Source of sample: Soil  
 Locality: Red Crater, Pancar Mount, West Java  
 Cultivation: BG-11 medium

### *Leptolyngbya* sp.

Collection Number: **HS-27**  
 History: MAR001  
 Source of sample: Water  
 Locality: Maribaya, Tangkuban Perahu, West Java  
 Cultivation: BG-11 medium

### *Leptolyngbya* sp.

Collection Number: **HS-28**  
 History: MAR002  
 Source of sample: Water  
 Locality: Maribaya, Tangkuban Perahu, West Java  
 Cultivation: BG-11 medium

### *Leptolyngbya* sp.

Collection Number: **HS-30A**  
 History: MAR004  
 Source of sample: Water  
 Locality: Maribaya, Tangkuban Perahu, West Java  
 Cultivation: BG-11 medium

### *Leptolyngbya* sp.

Collection Number: **HS-30B**  
 History: MAR004  
 Source of sample: Water  
 Locality: Maribaya, Tangkuban Perahu, West Java  
 Cultivation: BG-11 medium

### *Leptolyngbya* sp.

Collection Number: **HS-31A**  
 History: MAR005  
 Source of sample: Water  
 Locality: Maribaya, Tangkuban Perahu, West Java  
 Cultivation: BBM medium

### *Leptolyngbya* sp.

Collection Number: **HS-33**  
 History: MAR007  
 Source of sample: Soil  
 Locality: Maribaya, Tangkuban Perahu, West Java  
 Cultivation: BG-11 medium

### *Leptolyngbya* sp.

Collection Number: **HS-34**  
 History: MAR008  
 Source of sample: Soil  
 Locality: Maribaya, Tangkuban Perahu, West Java  
 Cultivation: CT medium

***Leptolyngbya* sp.**Collection Number: **HS-36**

History: MAR0010

Source of sample: Soil

Locality: Maribaya, Tangkuban Perahu, West Java

Cultivation: BG-11 medium

***Leptolyngbya* sp.**Collection Number: **HS-39**

History: MAR0013

Source of sample: Rock in water area

Locality: Maribaya, Tangkuban Perahu, West Java

Cultivation: BBM medium

***Leptolyngbya* sp.**Collection Number: **HS-40B**

History: MAR0014

Source of sample: Attach to a moss

Locality: Maribaya, Tangkuban Perahu, West Java

Cultivation: CT medium

***Leptolyngbya* sp.**Collection Number: **HS-40C**

History: MAR0014

Source of sample: Attach to a moss

Locality: Maribaya, Tangkuban Perahu, West Java

Cultivation: CT medium

***Leptolyngbya* sp.**Collection Number: **HS-41**

History: CIA001

Source of sample: Soil

Locality: Ciater, Tangkuban Perahu, West Java

Cultivation: CT medium

***Leptolyngbya* sp.**Collection Number: **HS-42**

History: CIA002

Source of sample: Soil

Locality: Ciater, Tangkuban Perahu, West Java

Cultivation: CT medium

***Leptolyngbya* sp.**Collection Number: **HS-49**

History: CIA006

Source of sample: Soil

Locality: Ciater, Tangkuban Perahu, West Java

Cultivation: MA medium

***Mastigocladus* sp.**Collection Number: **HS-40A**

History: MAR0014

Source of sample: Attach to a moss

Locality: Maribaya, Tangkuban Perahu, West Java

Cultivation: CT medium

***Mastigocladus* sp.**Collection Number: **HS-46**

History: MAR0016

Source of sample: Rock in water area

Locality: Maribaya, Tangkuban Perahu, West Java

Cultivation: CT medium

***Merismopedia* sp.**Collection Number: **HS-6**

History: CIS006

Source of sample: Water

Locality: Ciseeng, West Java

Cultivation: BBM medium

***Nostoc* sp.**Collection Number: **HS-5**

History: CIS005

Source of sample: Sediment

Locality: Ciseeng, West Java

Cultivation: BBM medium

***Nostoc* sp.**Collection Number: **HS-20**

History: PAN007

Source of sample: Rock in water area  
Locality: Red Crater, Mt. Pancar, West Java  
Cultivation: BBM medium

***Stanieria* sp.**

Collection Number: **HS-29**  
History: MAR003  
Source of sample: Water  
Locality: Maribaya, Tangkuban Perahu, West Java  
Cultivation: BG-11 medium

***Stanieria* sp.**

Collection Number: **HS-31B**  
History: MAR005  
Source of sample: Water  
Locality: Maribaya, Tangkuban Perahu, West Java  
Cultivation: BBM medium

***Stanieria* sp.**

Collection Number: **HS-35**  
History: MAR009  
Source of sample: Water  
Locality: Maribaya, Tangkuban Perahu, West Java  
Cultivation: BBM medium

***Stanieria* sp.**

Collection Number: **HS-45**  
History: MAR0015  
Source of sample: Rock in water area  
Locality: Maribaya, Tangkuban Perahu, West Java  
Cultivation: CT medium

***Stanieria* sp.**

Collection Number: **HS-47**  
History: MAR0017  
Source of sample: Water  
Locality: Maribaya, Tangkuban Perahu, West Java  
Cultivation: BBM medium

***Stanieria* sp.**

Collection Number: **HS-48**  
History: CIA005  
Source of sample: Rock in water area  
Locality: Ciater, Tangkuban Perahu, West Java  
Cultivation: BBM medium

***Synechococcus* sp.**

Collection Number: **HS-1**  
History: CIS001  
Source of sample: Water  
Locality: Ciseeng, West Java  
Cultivation: CT medium

***Synechococcus* sp.**

Collection Number: **HS-7**  
History: CIS007  
Source of sample: Water  
Locality: Ciseeng, West Java  
Cultivation: CT medium

***Synechococcus* sp.**

Collection Number: **HS-8**  
History: RDB001  
Source of sample: Water  
Locality: Rawa Danau, Banten  
Cultivation: MA medium

***Synechococcus* sp.**

Collection Number: **HS-9**  
History: RDB002  
Source of sample: Water  
Locality: Rawa Danau, Banten  
Cultivation: CT medium

***Synechococcus* sp.**

Collection Number: **HS-13**  
History: RDB006  
Source of sample: Water  
Locality: Rawa Danau, Banten  
Cultivation: MA medium

***Synechococcus* sp.**Collection Number: **HS-18**

History: PAN005

Source of sample: Rock in water area

Locality: Red Crater, Pancar Mount, West Java

Cultivation: MA medium

***Westiellopsis* sp.**Collection Number: **HS-10**

History: RDB003

Source of sample: Water

Locality: Rawa Danau, Banten

Cultivation: CT medium

***Thermosyncoccus* sp.**Collection Number: **HS-17**

History: PAN004

Source of sample: Soil

Locality: Red Crater, Pancar Mount, West Java

Cultivation: BG-11 medium

# CULTIVATION MEDIA

## LIST OF MEDIA

### Malt Extract Agar (MEA)

Composition per 1000 mL:

Peptone	1 g
Glucose	20 g
Malt extract	20 g
Agar	20 g

### Potato Dextrose Agar (PDA)

Composition per 1000 mL:

Potato	200 g
Glucose	10 g
Agar	15 g

Wash potatoes with tap water, peel and cut into 1 cm cubes. Rinse with tap water quickly and boil 200 g of potato cubes with 1 L of distilled water for 20 minutes. Mash and squeeze through a muslin bag. Add agar and boil till melted. Add glucose and stir till dissolved. Make up to 1 L. Adjust pH to 5.4–5.6. Autoclave to sterilize.

\*Commercial Potato Dextrose agar (Difco, Oxoid, or HiMedia) is also available

### Modified Melin-Norkrans (MMN)

Composition for 1000 mL:

Glucose	10 g
Malt extract	3 g
CaCl <sub>2</sub>	0.05 g
NaCl	0.025 g
(NH <sub>4</sub> ) <sub>2</sub> PO <sub>4</sub>	0.25 g
KH <sub>2</sub> PO <sub>4</sub>	0.5 g
MgSO <sub>4</sub> ·7H <sub>2</sub> O	0.15 g

Thiamine-HCl	100 µg
FeCl <sub>3</sub> (1% w/v)	1.2 mL

### Yeast Malt Extract Agar (YM Agar)

Composition per 1000 mL:

Malt extract	3 g
Yeast extract	3 g
Peptone	5 g
Dextrose	10 g
Agar	20 g

### IMK

Composition for 1000 mL:

NaNO <sub>3</sub>	200 mg
Na <sub>2</sub> HPO <sub>4</sub>	1.4 mg
K <sub>2</sub> HPO <sub>4</sub>	5 mg
NH <sub>4</sub> Cl	2.68 mg
Fe-EDTA	5.2 mg
Mn-EDTA	0.332 mg
Na <sub>2</sub> -EDTA	37.2 mg
ZnSO <sub>4</sub> ·7H <sub>2</sub> O	0.023 mg
CoSO <sub>4</sub> ·7H <sub>2</sub> O	0.014 mg
Na <sub>2</sub> MoO <sub>4</sub> ·2H <sub>2</sub> O	0.0073 mg
CuSO <sub>4</sub> ·5H <sub>2</sub> O	0.0025 mg
H <sub>2</sub> SeO <sub>3</sub>	0.0017 mg
MnCl <sub>2</sub> ·4H <sub>2</sub> O	0.180 mg
Thiamin.HCl	0.2 mg
Biotin	0.0015 mg
Vitamin B <sub>12</sub>	0.0015 mg
Sea water	1000 mL

**AF6**

Composition for 1000 mL:

NaNO <sub>3</sub>	14 mg
NH <sub>4</sub> NO <sub>3</sub>	2.2 mg
MgSO <sub>4</sub> .7H <sub>2</sub> O	3 mg
KH <sub>2</sub> PO <sub>4</sub>	1 mg
K <sub>2</sub> HPO <sub>4</sub>	0.5 mg
CaCl <sub>2</sub> .2H <sub>2</sub> O	1 mg
CaCO <sub>3</sub>	1 mg
Fe-citrate	0.2 mg
Citric acid	0.2 mg
Biotin	0.2 µg
Thiamine Hydrochloride	1 µg
Vitamin B <sub>6</sub>	0.1 µg
Vitamin B <sub>12</sub>	0.1 µg
Tracemetals*	0.5 ml

\*Tracemetals

Composition for 100 mL:

Na <sub>2</sub> EDTA.2H <sub>2</sub> O	5 mg
FeCl <sub>3</sub> .6H <sub>2</sub> O	0.98 mg
MnCl <sub>2</sub> .4H <sub>2</sub> O	0.18 mg
ZnSO <sub>4</sub> .7H <sub>2</sub> O	0.11 mg
CoCl <sub>2</sub> .6H <sub>2</sub> O	20 mg
Na <sub>2</sub> MoO <sub>4</sub> .2H <sub>2</sub> O	12.5 mg
	pH 6.6

**Allens**

Composition for 1000 mL:

(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	1.32 g
KH <sub>2</sub> PO <sub>4</sub>	0.272 g
MgSO <sub>4</sub> .7H <sub>2</sub> O	0.246 g
CaCl <sub>2</sub> .2H <sub>2</sub> O	74 mg
Allen metals*	0.1 mL
	pH 2.5

\*Allen metals

Composition for 100 mL:

Fe-EDTA	30.16 g
MnCl <sub>2</sub> .4H <sub>2</sub> O	1.79 g
H <sub>3</sub> BO <sub>3</sub>	2.86 g
ZnSO <sub>4</sub> .7H <sub>2</sub> O	0.22 g
CuSO <sub>4</sub> .5H <sub>2</sub> O	79 mg
(NH <sub>4</sub> ) <sub>6</sub> Mo <sub>7</sub> O <sub>24</sub> .4H <sub>2</sub> O	0.13 g
NH <sub>4</sub> VO <sub>3</sub>	23 mg

**BG11**

Composition for 1000 mL:

NaNO <sub>3</sub>	1.5 g
K <sub>2</sub> HPO <sub>4</sub> .3H <sub>2</sub> O	40 mg
MgSO <sub>4</sub> .7H <sub>2</sub> O	75 mg
CaCl <sub>2</sub> .2H <sub>2</sub> O	36 mg
Citric acid	6 mg

Ferric ammonium citrate	6 mg
Na <sub>2</sub> EDTA – Mg	1 mg
Na <sub>2</sub> CO <sub>3</sub>	20 mg
Trace metal mix*	1 mL
	pH 7.4

\*Trace metal mix

Composition for 100 mL:

H <sub>3</sub> BO <sub>3</sub>	286 mg
MnCl <sub>2</sub> .4H <sub>2</sub> O	181 mg
ZnSO <sub>4</sub> .7H <sub>2</sub> O	22.2 mg
Na <sub>2</sub> MoO <sub>4</sub> .2H <sub>2</sub> O	39 mg
CuSO <sub>4</sub> .5H <sub>2</sub> O	7.9 mg
Co(NO <sub>3</sub> ) <sub>2</sub> .6H <sub>2</sub> O	4.9 mg

**Nutrient Agar**

Composition per 1000 mL:

Beef extract	3 g
Peptone	5 g
NaCl	3 g
Agar	15 g

\*Commercial Nutrient Agar (Difco, Oxoid, or Hi-Media) is also available

**TSA**

Composition per 1000 mL:

Bacto Tryptic Soy Agar (Difco)	40 g
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**NBRC 802**

Composition for 1000 mL:

Polypeptone	10 g
Yeast extract	2 g
MgSO <sub>4</sub> .7H <sub>2</sub> O	1 g
Agar (if needed)	15 g
	pH 7.0

**NBRC 802 + 2% NaCl**

Composition for 1000 mL:

Polypeptone	10 g
Yeast extract	2 g
MgSO <sub>4</sub> .7H <sub>2</sub> O	1 g
NaCl	20 g
Agar (if needed)	15 g
	pH 7.0

**NBRC 804**

Composition for 1000 mL:

Polypeptone	5 g
Yeast extract	5 g
Glucose	5 g
MgSO <sub>4</sub> .7H <sub>2</sub> O	1 g
Agar (if needed)	15 g
	pH 6.6–7.0

**R2A**

Composition per 1000 mL:

Peptone	0.5 g
Yeast extract	0.5 g
Dextrose	0.5 g
Casamino acids	0.5 g
Soluble starch	0.5 g
K <sub>2</sub> HPO <sub>4</sub>	0.3 g
MgSO <sub>4</sub> ·7H <sub>2</sub> O	0.05 g
Sodium pyruvate	0.3 g
Agar	15 g

\*Commercial R2A (Difco) is also available

**1/10X R2A**

Composition per 1000 mL:

Peptone	0.05 g
Yeast extract	0.05 g
Dextrose	0.05 g
Casamino acids	0.05 g
Soluble starch	0.05 g
K <sub>2</sub> HPO <sub>4</sub>	0.03 g
MgSO <sub>4</sub> ·7H <sub>2</sub> O	0.005 g
Sodium pyruvate	0.03 g
Agar	15 g

\*Commercial R2A (Difco) is also available, use 1/10 recipe

**GYP Agar**

Composition per 1000 mL:

Glucose	10 g
Bacto Yeast Extract (Difco)	10 g
Polypeptone*	5 g
Sodium acetate	2 g
Tween 80 solution**	10 ml
Salts solution***	5 ml
	pH 6.8

Add 5 g/L CaCO<sub>3</sub> and 15 g/L agar after the pH is adjusted for the solid medium.

\*Wako Pure Chemical Ind., Ltd., Osaka, Japan.

\*\*Tween 80 solution

Composition for 100 mL:

Tween 80	5 g
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\*\*\*Salts solution:

Composition per 100 mL:

MgSO <sub>4</sub> ·7H <sub>2</sub> O	4 g
FeSO <sub>4</sub> ·7H <sub>2</sub> O	0.2 g
MnSO <sub>4</sub> ·H <sub>2</sub> O	0.2 g

NaCl 0.2 g

Add a drop of 12N HCl to 500 mL of the salt solution.

**MRS**

Commercial MRS Agar (Oxoid)

Composition per 1000 mL:

MRS Agar powder	62.0 g
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**MRS pH 7.5–8, 6.5% NaCl**

Commercial MRS Agar (Oxoid)

Composition per 1000 mL:

MRS Agar powder	62 g
NaCl	65 g

Adjust pH to 7.5–8.0 before autoclaving

**MRS pH 7.5–8, 10% NaCl**

Commercial MRS Agar (Oxoid)

Composition per 1000 mL:

MRS Agar powder	62 g
NaCl	100 g

Adjust pH to 7.5–8 before autoclaving

**MRS pH 10, 10% NaCl**

Commercial MRS Agar (Oxoid)

Composition per 1000 mL:

MRS Agar powder	62 g
NaCl	100 g

Adjust pH to 10 before autoclaving

**TSA**

Composition for 1000 mL:

Bacto Tryptic Soy Agar (Difco)	40 g
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**TSB**

Composition for 1000 mL:

Bacto Tryptic Soy Broth (Difco)	30 g
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**TSYE (Trypticase Soy Yeast Extract)**

Composition for 1000 mL:

Tryptone Soya Broth	30 g
Yeast Extract	2.5 g
Agar, if necessary	15 g

**VY/2 Agar**

Composition for 1000 mL:

Baker's yeast	5 g
CaCl <sub>2</sub> ·2H <sub>2</sub> O	1.36 g
Vitamin B <sub>12</sub>	0.5 mg
Bacto Agar (Difco)	15 g

Sterilized vitamin B<sub>12</sub> separately by filtration. Kill



yeast cells by heating before adding other ingredients and pH adjustment. Adjust pH to 7.2 with KOH before adding agar.

**1067**

Composition per 1000 mL:

$\text{KH}_2\text{PO}_4$	0.136 g
$\text{NH}_4\text{Cl}$	0.54 g
$\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$	0.2 g
$\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$	0.147 g
$\text{NaHCO}_3$	2.5 g
Bacto Yeast Extract (Difco)	0.2 g
Sodium acetate	0.8 g
Vitamin solution*	10 ml
Trace element solution**	10 ml
Resazurin	1 mg
Cysteine-HCl	0.5 g
$\text{Na}_2\text{S} \cdot 9\text{H}_2\text{O}$	0.5 g

Mix ingredients except for vitamin solution, cysteine-HCl, and  $\text{Na}_2\text{S} \cdot 9\text{H}_2\text{O}$ , then autoclave under a  $\text{H}_2/\text{CO}_2$  atmosphere (80/20). Concentrated cysteine-HCl and sodium sulphide solutions are sterilized separately under a  $\text{N}_2$  atmosphere in tightly closed vessels. Prior to inoculation, add the filter-sterile vitamin solution, cysteine-HCl, and  $\text{Na}_2\text{S} \cdot 9\text{H}_2\text{O}$ . Pressurize the inoculated vessels to 150 kPa with  $\text{H}_2/\text{CO}_2$  (80/20).

## \*Vitamin solution

Composition for 1000 mL:

Biotin	2 mg
Folic acid	2 mg
Pyridoxine-HCl	10 mg
Thiamine-HCl	5 mg
Riboflavin	5 mg
Nicotinic acid	5 mg
Ca-pantothenate	5 mg
p-Aminobenzoic acid	1 mg
Vitamin B12	0.01 mg

## \*\*Trace elements solution

Composition for 1000 mL:

Nitrilotriacetic acid (NTA)	12.8 g
$\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$	1.35 g
$\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$	0.1 g
$\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$	0.024 g
$\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$	0.1 g
$\text{ZnCl}_2$	0.1 g
$\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$	0.025 g
$\text{H}_3\text{BO}_3$	0.01 g

$\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$	0.024 g
$\text{NaCl}$	1 g
$\text{NiCl}_2 \cdot 6\text{H}_2\text{O}$	0.12 g
$\text{Na}_2\text{SeO}_4$	0.004 g
$\text{Na}_2\text{WO}_4$	0.004 g
$\text{KAl}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	0.02 g

First, dissolve nitrilotriacetic acid and adjust pH to 6.5 with NaOH, then add minerals. Adjust final pH to 7.0.

**AP15MH**

Composition for 1000 mL:

KP buffer*	5 mL
$\text{NH}_4\text{Cl}$	0.3 g
$\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$	0.75 g
$\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$	0.15 g
$\text{NaNO}_3$	0.3 g
$\text{NaCl}$	30 g
Sodium acetate	0.16 g
Bacto Yeast extract	0.2 g
Vitamin solution**	10 ml
Trace element solution***	10 ml
10% $\text{Na}_2\text{CO}_3$	10 mL
Resazurin	1 mg
Cysteine-HCl	0.35 g
$\text{Na}_2\text{S} \cdot 9\text{H}_2\text{O}$	0.35 g

Mix ingredients except for KP buffer, vitamin solution, 10%  $\text{Na}_2\text{CO}_3$ , cysteine-HCl, and  $\text{Na}_2\text{S} \cdot 9\text{H}_2\text{O}$ , then autoclave under a  $\text{H}_2/\text{CO}_2$  atmosphere (80/20). Concentrated cysteine-HCl and sodium sulphide solutions are sterilized separately under a  $\text{N}_2$  atmosphere in tightly closed vessels. Prior to inoculation, add the filter-sterile 10%  $\text{Na}_2\text{CO}_3$ , filter-sterile vitamin solution, KP buffer, cysteine-HCl, and  $\text{Na}_2\text{S} \cdot 9\text{H}_2\text{O}$ . Pressurize the inoculated vessels to 150 kPa with  $\text{H}_2/\text{CO}_2$  (80/20).

## \*KP buffer

Composition for 1000 mL:

$\text{KH}_2\text{PO}_4$	119.4 g
$\text{K}_2\text{HPO}_4$	21.4 g

Mix ingredients and autoclave under  $\text{N}_2$ .

## \*\*Vitamin solution

See 1067 medium

## \*\*\*Trace elements solution

See 1067 medium

**Halo1a**

Composition for 1000 mL:

Yeast extract	2 g
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Casamino acids	2 g
Sodium glutamate	1 g
Na <sub>3</sub> C <sub>6</sub> H <sub>5</sub> O <sub>7</sub>	1 g
KCl	2 g
K <sub>2</sub> HPO <sub>4</sub>	0.3 g
CaCl <sub>2</sub> ·2H <sub>2</sub> O	0.15 g
NH <sub>4</sub> Cl	1 g
MgSO <sub>4</sub> ·7H <sub>2</sub> O	20 g
NaCl	150 g
Trace element*	2 mL

Trace element\*  
See 1067 medium

### Halo1b

Composition for 1000 mL:

Cellobiose	1.7 g
Yeast extract	0.1 g
Casamino acids	0.1 g
Sodium glutamate	1 g
Na <sub>3</sub> C <sub>6</sub> H <sub>5</sub> O <sub>7</sub>	1 g
KCl	2 g
K <sub>2</sub> HPO <sub>4</sub>	0.3 g
CaCl <sub>2</sub> ·2H <sub>2</sub> O	0.15 g
NH <sub>4</sub> Cl	1 g
MgSO <sub>4</sub> ·7H <sub>2</sub> O	20 g
NaCl	150 g
Trace element*	2 mL

Trace element\*  
See 1067 medium

### Halo1c

Composition for 1000 mL:

Chitin	2 g
Yeast extract	0.1 g
Casamino acids	0.1 g
Sodium glutamate	1 g
Na <sub>3</sub> C <sub>6</sub> H <sub>5</sub> O <sub>7</sub>	1 g
KCl	2.0 g
K <sub>2</sub> HPO <sub>4</sub>	0.3 g
CaCl <sub>2</sub> ·2H <sub>2</sub> O	0.15 g
NH <sub>4</sub> Cl	1 g
MgSO <sub>4</sub> ·7H <sub>2</sub> O	20 g
NaCl	150 g
Trace element*	2 mL

Trace element\*  
See 1067 medium

### Halo2a

Composition for 1000 mL:

Yeast extract	2 g
Casamino acids	2 g
Sodium glutamate	1 g
Na <sub>3</sub> C <sub>6</sub> H <sub>5</sub> O <sub>7</sub>	1 g
KCl	2 g
K <sub>2</sub> HPO <sub>4</sub>	0.3 g
CaCl <sub>2</sub> ·2H <sub>2</sub> O	0.15 g
NH <sub>4</sub> Cl	1 g
MgSO <sub>4</sub> ·7H <sub>2</sub> O	20 g
NaCl	200 g
Trace element*	2 mL

Trace element\*  
See 1067 medium

### Halo2b

Composition for 1000 mL:

Cellobiose	1.7 g
Yeast extract	0.1 g
Casamino acids	0.1 g
Sodium glutamate	1 g
Na <sub>3</sub> C <sub>6</sub> H <sub>5</sub> O <sub>7</sub>	1 g
KCl	2 g
K <sub>2</sub> HPO <sub>4</sub>	0.3 g
CaCl <sub>2</sub> ·2H <sub>2</sub> O	0.15 g
NH <sub>4</sub> Cl	1 g
MgSO <sub>4</sub> ·7H <sub>2</sub> O	20 g
NaCl	200 g
Trace element*	2 mL

Trace element\*  
See 1067 medium

### Halo2c

Composition for 1000 mL:

Chitin	2 g
Yeast extract	0.1 g
Casamino acids	0.1 g
Sodium glutamate	1 g
Na <sub>3</sub> C <sub>6</sub> H <sub>5</sub> O <sub>7</sub>	1 g
KCl	2 g
K <sub>2</sub> HPO <sub>4</sub>	0.3 g
CaCl <sub>2</sub> ·2H <sub>2</sub> O	0.15 g
NH <sub>4</sub> Cl	1 g
MgSO <sub>4</sub> ·7H <sub>2</sub> O	20 g
NaCl	200 g
Trace element*	2 mL

Trace element\*  
See 1067 medium

### Halo No. 3

**Composition for 1000 mL:**

Yeast extract	5 g
CaCl <sub>2</sub> ·2H <sub>2</sub> O	0.1 g
MgCl <sub>2</sub> ·6H <sub>2</sub> O	20 g
NaCl	175 g

**Yeast Extract – Malt Extract Agar (ISP2)****Composition for 1000 mL:**

Yeast extract (Difco)	4 g
Malt extract (Difco)	10 g
Dextrose (Difco)	4 g
Agar	20 g
	pH 7.2

**ISP 5****Composition for 1000 mL:**

L-asparysine (anhydrous basis)	1 g
Glycerol	10 g
K <sub>2</sub> HPO <sub>4</sub> (anhydrous basis)	1 g
Trace salts solution*	1 ml
Agar	20 g

**\*Trace salts solution****Composition per 100.0 ml:**

FeSO <sub>4</sub> ·7H <sub>2</sub> O	0.1g
MnCl <sub>2</sub> ·4H <sub>2</sub> O	0.1g
ZnSO <sub>4</sub> ·7H <sub>2</sub> O	0.1g

Final pH (at 25°C) 7.4±0.2

**Tryptic Soy Agar (TSA)****Composition for 1000 mL:**

Tryptone	15 g
Soytone	5 g
NaCl	5 g
Agar	15 g

**MBA****Composition for 1000 mL:**

Bacto peptone	5 g
Bacto yeast extract	1 g
Fe (III) citrate	0.1 g
NaCl	19.45 g
MgCl <sub>2</sub> (anhydrous)	5.9 g
Na <sub>2</sub> SO <sub>4</sub>	3.24 g
CaCl <sub>2</sub>	1.8 g
KCl	0.55 g
NaHCO <sub>3</sub>	0.16 g
KBr	0.08 g
SrCl <sub>2</sub>	34 mg
H <sub>3</sub> BO <sub>3</sub>	22 mg
Na-silicate	4 mg
NaF	2.4 mg

(NH <sub>4</sub> )NO <sub>3</sub>	1.6 mg
Na <sub>2</sub> HPO <sub>4</sub>	8 mg
Agar	15 g

**Yeast Starch Agar (YSA)****Composition per 1000 mL:**

Yeast starch	2 g
Soluble starch	10 g
Agar	15 g
	pH 7.3

**Ashby****Composition per 1000 mL**

Mannitol	15 g
KH <sub>2</sub> PO <sub>4</sub>	0.5 g
MgSO <sub>4</sub> ·7H <sub>2</sub> O	0.2 g
CaSO <sub>4</sub>	0.1 g
NaCl	0.2 g
CaCO <sub>3</sub>	5 g
Agar	20 g

**Yeast Mannitol Agar****Composition for 1000 mL:**

Yeast extract	1 g
Mannitol	10 g
K <sub>2</sub> HPO <sub>4</sub>	0.5 g
MgSO <sub>4</sub> ·7H <sub>2</sub> O	0.2 g
NaCl	0.1 g
Congo red	0.025 g
Agar	20 g

**HS****Composition for 1000 mL:**

D-glucose	20 g
Peptone	5 g
Yeast Extract	5 g
Na <sub>2</sub> HPO <sub>4</sub>	2.7 g
Citric acid	1.15 g
Agar	16 g
Sterilized at 115°C for 15 minutes, and add 2 mL Acetic acid (filter sterilized) and 5 mL Ethanol (filter sterilized)	

**Kings B****Composition for 1000 mL:**

Bacto peptone	20 g
K <sub>2</sub> HPO <sub>4</sub>	1.5 g
MgSO <sub>4</sub> ·7H <sub>2</sub> O	0.2 g
Glycerol	15 mL
Agar	20 g

**Stock Agar**

Composition for 1000 mL:	
Beef heart, infusion from 500 g	10 g
Protease peptone	10 g
Gelatine	10 g
Isoelectric casein	5 g
Dextrose	0.5 g
Disodium phosphate	4 g
Sodium citrate	3 g
Agar	7.5 g

**Cooked Meat Medium**

Composition for 1000 mL:	
Heart muscle	454 g
Peptone	10 g
“Lab-Lemco” powder	10 g
Sodium chloride	5 g
Dextrose	0.5 g
Glucose	2 g
pH 7.2 ± 0.2	

**B4**

Nutrient broth	3 g
Urea	20 g
NaHCO <sub>3</sub>	2.12 g
NH <sub>4</sub> Cl	10 g
CaCl <sub>2</sub>	4.41 g
Agar	16 g

**EG**

Composition for 1000 mL:	
Sodium acetate	1 g
Beef extract	1 g
Tryptone (BD 211705)	2 g
Yeast extract	2 g
CaCl <sub>2</sub>	0.01 g



# EPILOGUE

Along with the increase in exploration and isolation of microorganisms in Indonesia, the number of isolates recorded through these activities has increased every year. However, not all of these isolates were successfully stored and well documented. The isolated microorganisms can be used in research for developing products, such as food, feed, medicines, and other commodities. Enzymes from microorganisms are widely used in industry to manufacture detergent and other chemicals. Moreover, microorganisms are also used to overcome environmental problems, such as water pollution, and to treat marginal lands. Culture collection provides various types of microorganisms that have been validated and well-identified to support all the activities mentioned above. The FORKOMIKRO network not only seeks to increase the number of indigenous microorganisms stored in the facilities, but also expands the accessibility of these microorganisms for biotechnology.

This FORKOMIKRO's catalog gives standardized minimum information about microbial strains stored in several culture collection facilities in Indonesia. We hope that the information will assist the development of academic research and the microorganism-based bioindustry. This is in accordance with the World Federation of Culture Collections (WFCC) guidelines that recommend every collection catalog to be published regularly (Wu et al., 2013). Using a microbial catalog, we not only can disseminate information about strains, but also promote their scientific and industrial usage. In the future, we hope to provide more information about strains collected in another member of FORKOMIKRO and increase the accessibility of public collection for research and industry. We also encourage researchers to deposit their microorganisms in public culture collections to contribute to the future of sciences.



# ABBREVIATIONS

<b>BG11 Medium</b>	Blue-Green <i>Medium-11</i>
<b>BRIN</b>	Badan Riset dan Inovasi Nasional (National Research and Innovation Agency)
<b>EG medium</b>	<i>Euglena gracilis medium</i>
<b>FORKOMIKRO</b>	Communication Forum for Indonesian Culture Collection Curators
<b>HS Medium</b>	Hydrosulphite of Sodium Medium
<b>InaCC</b>	Indonesian Culture Collection
<b>IPBCC</b>	Institut Pertanian Bogor Culture Collection
<b>ISP</b>	International Streptomyces Project
<b>MBA</b>	Myclobutanil Agar
<b>MRS</b>	De Man, Rogosa, and Sharpe
<b>MUICC</b>	Department of Microbiology, Faculty of Medicine, University of Indonesia Culture Collection
<b>NBRC</b>	Biological Resource Center, NITE (National Institute of Technology and Evaluation)
<b>R2A Agar</b>	Reasoner's 2A Agar
<b>TSA</b>	Trypticase Soy Agar
<b>TSB</b>	Trypticase Soy Broth
<b>TSYE</b>	Trypticase Soy Yeast Extract
<b>UIMCC</b>	Universitas Indonesia Microalgae Culture Collection
<b>UNJCC</b>	Universitas Negeri Jakarta Culture Collection
<b>WFCC</b>	World Federation of Culture Collections





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Published by:  
**BRIN Publishing**  
**Directorate of Repositories, Multimedia, and Scientific Publishing**  
Gedung B.J. Habibie, Jln. M.H. Thamrin No. 8,  
Kb. Sirih, Kec. Menteng, Kota Jakarta Pusat,  
Daerah Khusus Ibukota Jakarta 10340  
E-mail: [penerbit@brin.go.id](mailto:penerbit@brin.go.id)  
Website: [penerbit.brin.go.id](http://penerbit.brin.go.id)

DOI: 10.55981/brin.508



ISBN 978-623-8052-53-0



BRIN