

Name and taxonomic classification

Domain (PNU) Bacteria	[Ref.:20215]
Phylum (PNU) Firmicutes	[Ref.:20215]
Class (PNU) Bacilli	[Ref.:20215]
Order Bacillales	[Ref.:6655]
Family (PNU) Paenibacillaceae	[Ref.:20215]
Genus (PNU) Paenibacillus	[Ref.:20215]
Species (PNU) <i>Paenibacillus</i> sp.	[Ref.:20215]
Full Scientific Name (PNU) <i>Paenibacillus</i> sp.	[Ref.:20215]
Strain Designation Br1	[Ref.:6655]
Literature reference of class (IJSEM) Int. J. Syst. Evol. Microbiol. 60:469	[Ref.:20215]
Literature reference of family (IJSEM) Int. J. Syst. Evol. Microbiol. 60:470	[Ref.:20215]
Taxonomical status of genus name gen. nov. (VL)	[Ref.:20215]
Literature reference of genus (IJSEM) Int. J. Syst. Bacteriol. 44:852	[Ref.:20215]
Taxonomical status of species name sp. nov., nom. rev. (VP)	[Ref.:20215]
Literature reference of species (IJSEM) Int. J. Syst. Bacteriol. 46:692*	[Ref.:20215]

Culture and growth conditions

Culture medium [Ref.:6655]
CASO AGAR (MERCK 105458) (DSMZ Medium 220), 30°C

 **Culture medium growth** [Ref.:6655]

Culture medium link [Ref.:6655]
https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium220.pdf

Testresult [Ref.:6655]
positive

Kind of temperature [Ref.:6655]
optimum

Temperature [Ref.:6655]
30

Temperature range [Ref.:6655]
mesophilic

Isolation, sampling and environmental information

Sample type/isolated from [Ref.:6655]
Surface sterilized root of rice plant

Geographic location (country and/or sea, region) [Ref.:6655]
Fuji City, Shizuoka Prefecture

Country [Ref.:6655]
Japan

Continent [Ref.:6655]
Asia

Molecular biology

Sequence database [Ref.:6655]
DDBJ EMBL Direct submission

Sequence accession number

AB489070

[\[Ref.:6655\]](#)**Sequence database**

DDBJ EMBL Direct submission

[\[Ref.:6655\]](#)**Sequence accession number**

AB092351

[\[Ref.:6655\]](#)**Strain availability****Strain history**

<- T. Uozomi, Dept. Life Sci., Meiji Univ., Kawasaki, Japan; Br1

[\[Ref.:6655\]](#)**Culture collection no.**

DSM 16938

[\[Ref.:6655\]](#)**References:**

- #6655 Leibniz Institut DSMZ-Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH; Curators of the DSMZ; DSM 16938
- #20215 D.Gleim, M.Kracht, N.Weiss et. al.: Prokaryotic Nomenclature Up-to-date - compilation of all names of Bacteria and Archaea, validly published according to the Bacteriological Code since 1. Jan. 1980, and validly published nomenclatural changes since