

## **Name and taxonomic classification**

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

&lt;- 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