

Name and taxonomic classification

Domain (PNU) [\[Ref.:20215\]](#)

Bacteria

Phylum (PNU) [\[Ref.:20215\]](#)

Firmicutes

Class (PNU) [\[Ref.:20215\]](#)

Bacilli

Order [\[Ref.:6655\]](#)

Bacillales

Family (PNU) [\[Ref.:20215\]](#)

Paenibacillaceae

Genus (PNU) [\[Ref.:20215\]](#)

Paenibacillus

Species (PNU) [\[Ref.:20215\]](#)

Paenibacillus sp.

Full Scientific Name (PNU) [\[Ref.:20215\]](#)

Paenibacillus sp.

Strain Designation [\[Ref.:6655\]](#)

Br1

Literature reference of class (IJSEM) [\[Ref.:20215\]](#)

Int. J. Syst. Evol. Microbiol. 60:469

Literature reference of family (IJSEM) [\[Ref.:20215\]](#)

Int. J. Syst. Evol. Microbiol. 60:470

Taxonomical status of genus name [\[Ref.:20215\]](#)

gen. nov. (VL)

Literature reference of genus (IJSEM) [\[Ref.:20215\]](#)

Int. J. Syst. Bacteriol. 44:852

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 [Ref.:6655]

AB489070

Sequence database [Ref.:6655]

DDBJ EMBL Direct submission

Sequence accession number [Ref.:6655]

AB092351

Strain availability

Strain history

[Ref.:6655]

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

Culture collection no.

[Ref.:6655]

DSM 16938

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