

Strain identifier

BacDive ID: 7443 **DOI:** 10.13145/bacdive7443.20190402.4
Type strain: yes **Designation:** KV-490 NRRL B-24469
Culture col. no.: DSM 23142, JCM 15925, NBRC 101800

Sections

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[Culture and growth conditions](#)
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Name and taxonomic classification

Ref.: 16727	Domain	Bacteria
Ref.: 16727	Phylum	Actinobacteria
Ref.: 16727	Class	Actinobacteria
Ref.: 16727	Order	Actinomycetales
Ref.: 16727	Family	Microbacteriaceae
Ref.: 16727	Genus	Microbacterium
Ref.: 16727	Species	Microbacterium pygmaeum
Ref.: 16727	Full Scientific Name	Microbacterium pygmaeum Kageyama et al. 2008
Ref.: 16727	Designation:	KV-490 NRRL B-24469
Ref.: 16727	Type strain:	yes

Prokaryotic Nomenclature Up-to-date (PNU)

Ref.: 20215	Domain	Bacteria
Ref.: 20215	Phylum	Actinobacteria
Ref.: 20215	Class	Actinobacteria
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 47:483*
Ref.: 20215	Family	Microbacteriaceae
Ref.: 20215	Genus	Microbacterium
Ref.: 20215	Taxonomical status	genus (AL)
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 30:225



Ref.: 20215	Species	Microbacterium pygmaeum
Ref.: 20215	Taxonomical status	sp. nov. (VL)
Ref.: 20215	Literature reference	Int. J. Syst. Evol. Microbiol. 58:2471
Ref.: 20215	Full Scientific Name	Microbacterium pygmaeum Kageyama et al. 2008

Culture and growth conditions

Ref.: 16727	Culture medium	R2A MEDIUM (DSMZ Medium 830), 28°C
Ref.: 16727	Culture medium growth	yes
Ref.: 16727	Culture medium link	https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium830.pdf

Ref.: 16727	Temperatures	Kind of temperature	Temperature
		growth	28 °C

Ref.: 16727	Temperature range	mesophilic
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Isolation, sampling and environmental information

Ref.: 16727	Sample type/isolated from	soil
Ref.: 16727	Geographic location (country and/or sea, region)	Tokyo, Aoyama Cemetery
Ref.: 16727	Country	Japan
Ref.: 16727	Continent	Asia

Isolation sources categories	Cat1	Cat2	Cat3
	#Environmental	#Terrestrial	#Soil

Application and interaction

Ref.: 16727	Biosafety level	1 Risk group (German classification)
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Molecular biology

Ref.: 16727	GC-content	68.0 mol% high performance liquid chromatography (HPLC)
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	Sequence database	Sequence accession description	Sequence accession number	Sequence length(bp)	Associated NCBI tax ID
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Ref.: 16727	DDBJ EMBL Direct submission		AB248875		
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Strain availability

[Ref.: 16727](#) **Culture collection no.** DSM 23142, JCM 15925, NBRC 101800

[Ref.: 16727](#) **Strain history** <- JCM/RIKEN <- NRRL <- S. Omura, Kitasato Inst., Tokyo, Japan; KV-490

Associated Passport(s) in StrainInfo

[Ref.: 20218](#) 842158 - <http://www.straininfo.net/strains/842158>

[Ref.: 20218](#) 836049 - <http://www.straininfo.net/strains/836049>

References

[Ref.: 16727](#) Leibniz Institut DSMZ-Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH; Curators of the DSMZ; DSM 23142

[Ref.: 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.

[Ref.: 20218](#) Verslyppe, B., De Smet, W., De Baets, B., De Vos, P., Dawyndt P. StrainInfo introduces electronic passports for microorganisms.. Syst Appl Microbiol. 37: 42-50 2014 (10.1016/j.syapm.2013.11.002, 24321274)

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