



Strain identifier

BacDive ID: 14412 **DOI:** 10.13145/bacdive14412.20190402.4
Type strain: yes
Culture col. no.: DSM 19085, JCM 11199, KCCM 41449, CCUG 47729

Sections

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Name and taxonomic classification

Ref.: 7877	Domain	Bacteria
Ref.: 7877	Phylum	Firmicutes
Ref.: 7877	Class	Bacilli
Ref.: 7877	Order	Bacillales
Ref.: 7877	Family	Staphylococcaceae
Ref.: 7877	Genus	Jeotgalicoccus
Ref.: 7877	Species	Jeotgalicoccus psychrophilus
Ref.: 7877	Full Scientific Name	Jeotgalicoccus psychrophilus Yoon et al. 2003
Ref.: 7877	Designation:	None
Ref.: 7877	Type strain:	yes

Prokaryotic Nomenclature Up-to-date (PNU)

Ref.: 20215	Domain	Bacteria
Ref.: 20215	Phylum	Firmicutes
Ref.: 20215	Class	Bacilli
Ref.: 20215	Literature reference	Int. J. Syst. Evol. Microbiol. 60:469
Ref.: 20215	Family	Staphylococcaceae
Ref.: 20215	Literature reference	Int. J. Syst. Evol. Microbiol. 60:470
Ref.: 20215	Genus	Jeotgalicoccus
Ref.: 20215	Taxonomical status	gen. nov. (VP)

Ref.: 20215	Literature reference	Int. J. Syst. Evol. Microbiol. 53:595*
Ref.: 20215	Species	Jeotgalicoccus psychrophilus
Ref.: 20215	Taxonomical status	sp. nov. (VP)
Ref.: 20215	Literature reference	Int. J. Syst. Evol. Microbiol. 53:595*
Ref.: 20215	Full Scientific Name	Jeotgalicoccus psychrophilus Yoon et al. 2003

Culture and growth conditions

Ref.: 7877	Culture medium	BACTO MARINE BROTH (DIFCO 2216) (DSMZ Medium 514), 28°C
Ref.: 7877	Culture medium growth	yes
Ref.: 7877	Culture medium link	https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium514.pdf
Ref.: 39965	Culture medium	MEDIUM 13 - Marine agar
Ref.: 39965	Culture medium growth	yes
Ref.: 39965	Culture medium composition	Distilled water make up to (1000.000 ml);Marine agar (55.100 g)

Temperatures

Ref.: 7877

Ref.: 39965

Kind of temperature	Temperature
growth	28 °C
growth	30 °C

Ref.: 7877 **Temperature range** mesophilic

Ref.: 39965 **Temperature range** mesophilic

Isolation, sampling and environmental information

Ref.: 7877	Sample type/isolated from	jeotgal, Korean fermented seafood
Ref.: 7877	Country	Republic of Korea
Ref.: 7877	Continent	Asia

Ref.: 57844 **Sample type/isolated from** Jeotgal (traditional Korean fermented seafood)

Isolation sources categories

Cat1	Cat2	Cat3
#Engineered	#Food production	#Fermented seafood

Application and interaction



Ref.: 7877 **Biosafety level** 1 Risk group (German classification)

Molecular biology

Ref.: 7877 **GC-content** 42 mol%

	Sequence database	Sequence accession description	Sequence accession number	Sequence length(bp)	Associated NCBI tax ID
Ref.: 7877	INSDC (WGS)	Jeotgalicoccus psychrophilus DSM 19085, whole genome shotgun sequencing project	AUEF00000000	33	1122129
Ref.: 7877	GenBank Direct submission	Jeotgalicoccus psychrophilus 16S ribosomal RNA gene, partial sequence	AY028926	1507	157228

Strain availability

Ref.: 7877 **Culture collection no.** DSM 19085, JCM 11199, KCCM 41449, CCUG 47729

Ref.: 7877 **Strain history** <- JCM <-Y.-H. Park, strain YKJ-115

Associated Passport(s) in StrainInfo

Ref.: 20218 692316 - <http://www.straininfo.net/strains/692316>

Ref.: 20218 302723 - <http://www.straininfo.net/strains/302723>

Ref.: 20218 302724 - <http://www.straininfo.net/strains/302724>

References

Ref.: 7877 Leibniz Institut DSMZ-Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH; Curators of the DSMZ; DSM 19085

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)

Ref.: 39965 None; Curators of the CIP; None

Ref.: 57844 Culture Collection University of Gothenburg (CCUG); Curators of the CCUG; CCUG 47729

*** These References are textmined**

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