

Strain identifier

BacDive ID: 3830 **DOI:** 10.13145/bacdive3830.20190402.4
Type strain: yes
Culture col. no.: DSM 19842, KCTC 12367, KMM 6156, LMG 23027

Sections

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Name and taxonomic classification

Ref.: 8128	Domain	Bacteria
Ref.: 8128	Phylum	Bacteroidetes
Ref.: 8128	Class	Cytophagia
Ref.: 8128	Order	Cytophagales
Ref.: 8128	Family	Hymenobacteraceae
Ref.: 8128	Genus	Pontibacter
Ref.: 8128	Species	Pontibacter actiniarum
Ref.: 8128	Full Scientific Name	Pontibacter actiniarum Nedashkovskaya et al. 2005
Ref.: 8128	Designation:	None
Ref.: 8128	Type strain:	yes

Prokaryotic Nomenclature Up-to-date (PNU)

Ref.: 20215	Literature reference	Int. J. Syst. Evol. Microbiol. 62:1
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 30:235
Ref.: 20215	Genus	Pontibacter
Ref.: 20215	Taxonomical status	gen. nov. (VP)
Ref.: 20215	Literature reference	Int. J. Syst. Evol. Microbiol. 56:237*
Ref.: 20215	Species	Pontibacter actiniarum
Ref.: 20215	Taxonomical status	sp. nov. (VP)
Ref.: 20215	Literature reference	Int. J. Syst. Evol. Microbiol. 55:2583*



Ref.: 20215 **Full Scientific Name** Pontibacter actiniarum Nedashkovskaya et al. 2005 emend. Hahnke et al. 2016

Culture and growth conditions

Ref.: 8128 **Culture medium** BACTO MARINE BROTH (DIFCO 2216) (DSMZ Medium 514), 28°C
Ref.: 8128 **Culture medium growth** yes
Ref.: 8128 **Culture medium link** https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium514.pdf

Ref.: 8128	Temperatures	Kind of temperature	Temperature
		growth	28 °C

Ref.: 8128 **Temperature range** mesophilic

Isolation, sampling and environmental information

Ref.: 8128 **Sample type/isolated from** unidentified actinians
Ref.: 8128 **Geographic location (country and/or sea, region)** Pacific Ocean, Rudnaya Bay
Ref.: 8128 **Country** Russia
Ref.: 8128 **Continent** Asia

Isolation sources categories	Cat1	Cat2	Cat3
	#Host	#Invertebrates (Other)	#Cnidaria (Corals)

Application and interaction

Ref.: 8128 **Biosafety level** 1 Risk group (German classification)

Molecular biology

Ref.: 8128 **GC-content** 48.7 mol%

	Sequence database	Sequence accession description	Sequence accession number	Sequence length(bp)	Associated NCBI tax ID
Ref.: 8128	GenBank Direct submission	Pontibacter actiniarum strain KMM 6156 16S ribosomal RNA gene, partial sequence	AY989908	1435	709015



Ref.: 8128	EMBL Direct submission	Pontibacter actiniarum DSM 19842, whole genome shotgun sequencing project	NZ_AXBP00000000	4952578	709015
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Strain availability

[Ref.: 8128](#) **Culture collection no.** DSM 19842, KCTC 12367, KMM 6156, LMG 23027

[Ref.: 8128](#) **Strain history** <- O. I. Nedashkovskaya, Pacific Inst. Bioorg. Chem., RAS, Vladivostok; KMM 6156 <- L. S. Shevchenko

Associated Passport(s) in StrainInfo

[Ref.: 20218](#) 764092 - <http://www.straininfo.net/strains/764092>

[Ref.: 20218](#) 558420 - <http://www.straininfo.net/strains/558420>

[Ref.: 20218](#) 558421 - <http://www.straininfo.net/strains/558421>

[Ref.: 20218](#) 387031 - <http://www.straininfo.net/strains/387031>

References

[Ref.: 8128](#) Leibniz Institut DSMZ-Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH; Curators of the DSMZ; DSM 19842

[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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