

Strain identifier

BacDive ID: 13133 **DOI:** 10.13145/bacdive13133.20190402.4
Type strain: yes **Designation:** CFML 95-321
Culture col. no.: CCUG 43165, CCM 4843, DSM 17966, CIP 105470

Sections

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

Ref.: 7298	Domain	Bacteria
Ref.: 7298	Phylum	Proteobacteria
Ref.: 7298	Class	Gammaproteobacteria
Ref.: 7298	Order	Pseudomonadales
Ref.: 7298	Family	Pseudomonadaceae
Ref.: 7298	Genus	Pseudomonas
Ref.: 7298	Species	Pseudomonas migulae
Ref.: 7298	Full Scientific Name	Pseudomonas migulae Verhille et al. 1999
Ref.: 7298	Designation:	CFML 95-321
Ref.: 7298	Type strain:	yes

Prokaryotic Nomenclature Up-to-date (PNU)

Ref.: 20215	Domain	Bacteria
Ref.: 20215	Phylum	Proteobacteria
Ref.: 20215	Class	Gammaproteobacteria
Ref.: 20215	Literature reference	Int. J. Syst. Evol. Microbiol. 55:2236
Ref.: 20215	Family	Pseudomonadaceae
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 30:237
Ref.: 20215	Genus	Pseudomonas

Ref.: 20215	Taxonomical status	genus (AL)
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 30:225
Ref.: 20215	Species	<i>Pseudomonas migulae</i>
Ref.: 20215	Taxonomical status	sp. nov. (VP)
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 49:1559*
Ref.: 20215	Full Scientific Name	<i>Pseudomonas migulae</i> Verhille et al. 1999

Morphology and physiology

Ref.: 7298

API 20NE

API ID	5345
NO3	-
TRP	-
GLU_Ferm	-
ADH (Arg)	+
URE	-
ESC	-
GEL	-
PNPG	-
GLU_Assim	+
ARA	+
MNE	+
MAN	+
NAG	+
MAL	-
GNT	+
CAP	+
ADI	-
MLT	+
CIT	+
PAC	+
OX	+

Ref.: 55704 **Oxygen tolerance** aerobe

Culture and growth conditions

Ref.: 7298 **Culture medium** TRYPTICASE SOY BROTH AGAR (DSMZ Medium 535), 30°C

Ref.: 7298	Culture medium growth	yes								
Ref.: 7298	Culture medium link	https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium535.pdf								
Ref.: 37208	Culture medium	MEDIUM 72- for trypto casein soja agar								
Ref.: 37208	Culture medium growth	yes								
Ref.: 37208	Culture medium composition	Distilled water make up to (1000.000 ml);Trypto casein soy agar (40.000 g)								
	Temperatures									
Ref.: 7298										
Ref.: 37208										
Ref.: 55704										
		<table border="1"> <thead> <tr> <th>Kind of temperature</th> <th>Temperature</th> </tr> </thead> <tbody> <tr> <td>growth</td> <td>30 °C</td> </tr> <tr> <td>growth</td> <td>30 °C</td> </tr> <tr> <td>growth</td> <td>30 °C</td> </tr> </tbody> </table>	Kind of temperature	Temperature	growth	30 °C	growth	30 °C	growth	30 °C
Kind of temperature	Temperature									
growth	30 °C									
growth	30 °C									
growth	30 °C									
Ref.: 7298	Temperature range	mesophilic								
Ref.: 37208	Temperature range	mesophilic								
Ref.: 55704	Temperature range	mesophilic								

Isolation, sampling and environmental information

Ref.: 7298	Sample type/isolated from	mineral water						
Ref.: 7298	Geographic location (country and/or sea, region)	1						
Ref.: 7298	Country	France						
Ref.: 7298	Continent	Europe						
Ref.: 55704	Sample type/isolated from	Mineral waters						
Ref.: 55704	Sampling date	1995						
Ref.: 55704	Country	France						
Ref.: 55704	Continent	Europe						
	Isolation sources categories							
		<table border="1"> <thead> <tr> <th>Cat1</th> <th>Cat2</th> <th>Cat3</th> </tr> </thead> <tbody> <tr> <td>#Environmental</td> <td>#Aquatic</td> <td>-</td> </tr> </tbody> </table>	Cat1	Cat2	Cat3	#Environmental	#Aquatic	-
Cat1	Cat2	Cat3						
#Environmental	#Aquatic	-						

Application and interaction

Ref.: 7298	Biosafety level	1 Risk group (German classification)
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Molecular biology

	Sequence database	Sequence accession description	Sequence accession number	Sequence length(bp)	Associated NCBI tax ID
Ref.: 20218	Marker Gene (EMBL Direct submission)	<i>Pseudomonas migulae</i> partial rpoB gene for DNA-directed RNA polymerase beta chain, strain CIP 105470T	AJ717446	1024	78543
Ref.: 7298	GenBank Direct submission		AF074383		

Strain availability

[Ref.: 7298](#) **Culture collection no.** CCUG 43165, CCM 4843, DSM 17966, CIP 105470

[Ref.: 7298](#) **Strain history** <- CIP <- D. Izard, Faculté Médecine, Lille; CFML 95-321

Associated Passport(s) in StrainInfo

[Ref.: 20218](#) 677466 - <http://www.straininfo.net/strains/677466>

[Ref.: 20218](#) 154293 - <http://www.straininfo.net/strains/154293>

References

[Ref.: 7298](#) Leibniz Institut DSMZ-Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH; Curators of the DSMZ; DSM 17966

[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.: 37208](#) None; Curators of the CIP; None

[Ref.: 55704](#) Culture Collection University of Gothenburg (CCUG); Curators of the CCUG; CCUG 43165

*** These References are textmined**

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