



Strain identifier

BacDive ID: 12680 **DOI:** 10.13145/bacdive12680.20190402.4
Type strain: yes **Designation:** CH 130
Culture col. no.: DSM 6061, ATCC 33492, NCIMB 1893

Sections

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Name and taxonomic classification

Ref.: 2424	Domain	Bacteria
Ref.: 2424	Phylum	Proteobacteria
Ref.: 2424	Class	Gammaproteobacteria
Ref.: 2424	Order	Alteromonadales
Ref.: 2424	Family	Pseudoalteromonadaceae
Ref.: 2424	Genus	Pseudoalteromonas
Ref.: 2424	Species	Pseudoalteromonas luteoviolacea
Ref.: 2424	Full Scientific Name	Pseudoalteromonas luteoviolacea (Gauthier 1982) Gauthier et al. 1995
Ref.: 2424	Designation:	CH 130
Ref.: 2424	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	Pseudoalteromonadaceae
Ref.: 20215	Genus	Pseudoalteromonas
Ref.: 20215	Taxonomical status	gen. nov. (VP)
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 45:755*

Ref.: 20215	Species	Pseudoalteromonas luteoviolacea
Ref.: 20215	Taxonomical status	comb. nov. (VP)
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 45:755*
Ref.: 20215	Full Scientific Name	Pseudoalteromonas luteoviolacea (Gauthier 1982) Gauthier et al. 1995
Ref.: 20215	Synonym	Alteromonas luteoviolacea

Culture and growth conditions

Ref.: 2424	Culture medium	BACTO MARINE BROTH (DIFCO 2216) (DSMZ Medium 514), 26°C
Ref.: 2424	Culture medium growth	yes
Ref.: 2424	Culture medium link	https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium514.pdf

Ref.: 42023	Culture medium	MEDIUM 13 - Marine agar
Ref.: 42023	Culture medium growth	yes
Ref.: 42023	Culture medium composition	Distilled water make up to (1000.000 ml);Marine agar (55.100 g)

	Temperatures	<table border="1"> <thead> <tr> <th>Kind of temperature</th> <th>Temperature</th> </tr> </thead> <tbody> <tr> <td>growth</td> <td>26 °C</td> </tr> <tr> <td>growth</td> <td>22 °C</td> </tr> </tbody> </table>	Kind of temperature	Temperature	growth	26 °C	growth	22 °C
Kind of temperature	Temperature							
growth	26 °C							
growth	22 °C							
Ref.: 2424								
Ref.: 42023								

Ref.: 2424	Temperature range	mesophilic
Ref.: 42023	Temperature range	psychrophilic

Isolation, sampling and environmental information

Ref.: 2424	Sample type/isolated from	surface seawater
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Isolation sources categories

Cat1	Cat2	Cat3
#Environmental	#Aquatic	#Marine
#Environmental	#Aquatic	#Surface water

Application and interaction

Ref.: 2424	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 (GenBank Direct submission)	Pseudoalteromonas luteoviolacea gyrase B subunit (gyrB) gene, partial cds	AF007280	1259	43657	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Pseudoalteromonas luteoviolacea strain DSM6061 recombinase A gene, partial cds	JQ280417	768	43657	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Pseudoalteromonas luteoviolacea strain DSM6061 DNA gyrase subunit B gene, partial cds	JQ280430	1116	43657	*
Ref.: 20218	Marker Gene (DDBJ Direct submission)	Pseudoalteromonas luteoviolacea gene for 16S rRNA, partial sequence, strain: NBRC 103183	AB681981	1458	43657	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	A.luteoviolacea 16S rRNA gene (NCIMB 1893T)	X82144	1431	43657	*

Strain availability

Ref.: 2424	Culture collection no.	DSM 6061, ATCC 33492, NCIMB 1893
Ref.: 2424	Strain history	<- ATCC <- M.J. Gauthier, Cerbom CH 130
Ref.: 42023	Strain history	1993, M. Gauthier, INSERM, Nice, France: strain CH30

Associated Passport(s) in StrainInfo

Ref.: 20218	3544 - http://www.straininfo.net/strains/3544
Ref.: 20218	3542 - http://www.straininfo.net/strains/3542
Ref.: 20218	159664 - http://www.straininfo.net/strains/159664

References

Ref.: 2424	Leibniz Institut DSMZ-Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH; Curators of the DSMZ; DSM 6061
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.: 42023](#) None; Curators of the CIP; None

*** These References are textmined**

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