

Name: *Exiguobacterium undae*

Authors: Frühling et al. 2002

Status: New Species

Literature: Int. J. Syst. Bacteriol. 52:1173

Risk group: 1

Type strain: CIP 107162, DSM 14481, L2

Author(s) Frühling, A., Schumann, P., Hippe, H., Sträubler, B.,  
Stackebrandt, E.

Title *Exiguobacterium undae* sp. nov. and *Exiguobacterium*  
*antarcticum* sp. nov. Journal Int. J. Syst. Evol. Microbiol.

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**Genus:** *Exiguobacterium* FH 6287

**Species:** *undae*

**Numbers in other collections:** DSM 14481

**Reclassification:**

**Morphology:**

	G	R
<u>ISP 2</u>	good	sun yellow
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	yellow orange
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	sun yellow
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	sun yellow
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	sun yellow
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	sun yellow
	A	SP
	none	none

**Melanoid pigment:** - - - -

**NaCl resistance:** %

**Lysozyme resistance:**

**pH:** Value- Optimum-

**Temperature :** Value- Optimum- 28°C

**Carbon utilization:**

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
+	+	+	-	+	+	+	+	+	+

**Enzymes:**

Api Zym	
2+	3+
4+	5-
6-	7-
8-	9-
10-	11+
12-	13+
14+	15+
16+	17+
18-	19-
20-	

Api Coryne

Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
-	+	-	+	-	+	+	-	+	+	(+)
Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg			
+	+	-	+	+	-	+	+			

**Comments:**



***Exiguobacterium undae***

A – Agar plates media 5006, 5265 and 5315

B – Microplate with ISP- and melanin media

C – Api Zym (lower) and Api Coryne