

Name: ***Patulibacter minatonensis***

Authors: Takahashi et al. 2006

Status: New Species

Reference: Int. J. Syst. Evol. Microbiol. 56:405

Risk group: 1 (German classification)

Type strain: DSM 18081, JCM 12834, KV-614, NBRC 100761, NRRL B-24346

Author: Takahashi, Y., Matsumoto, A., Morisaki, K., Omura, S.

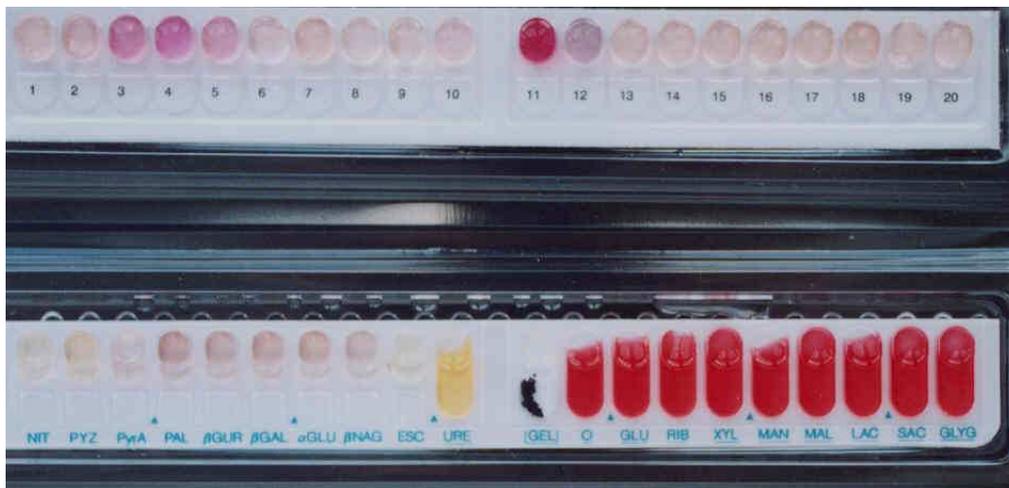
Title: *Patulibacter minatonensis* gen. nov., sp. nov., a novel actinobacterium isolated using an agar medium supplemented with superoxide dismutase, and proposal of *Patulibacteraceae* fam. nov.

Journal: Int. J. Syst. Evol. Microbiol.

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Year: 2006



Api zym (upper) and coryne

Genus: *Patulibacter*

FH 6786

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Species: *minatonensis*

Numbers in other collections: DSM 18081

Morphology:

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

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum- 28 °C

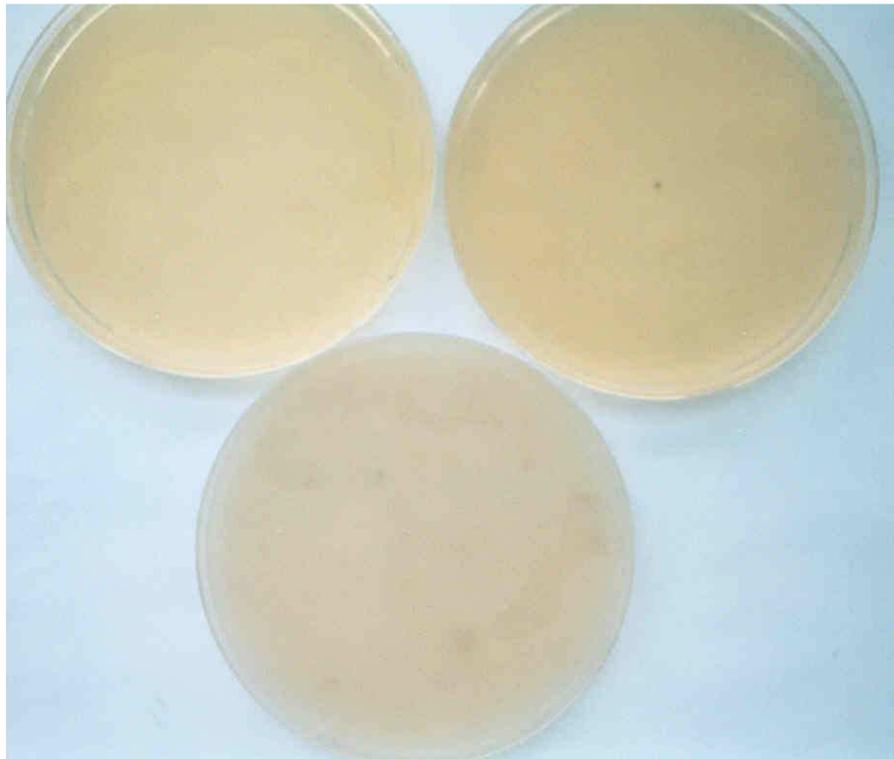
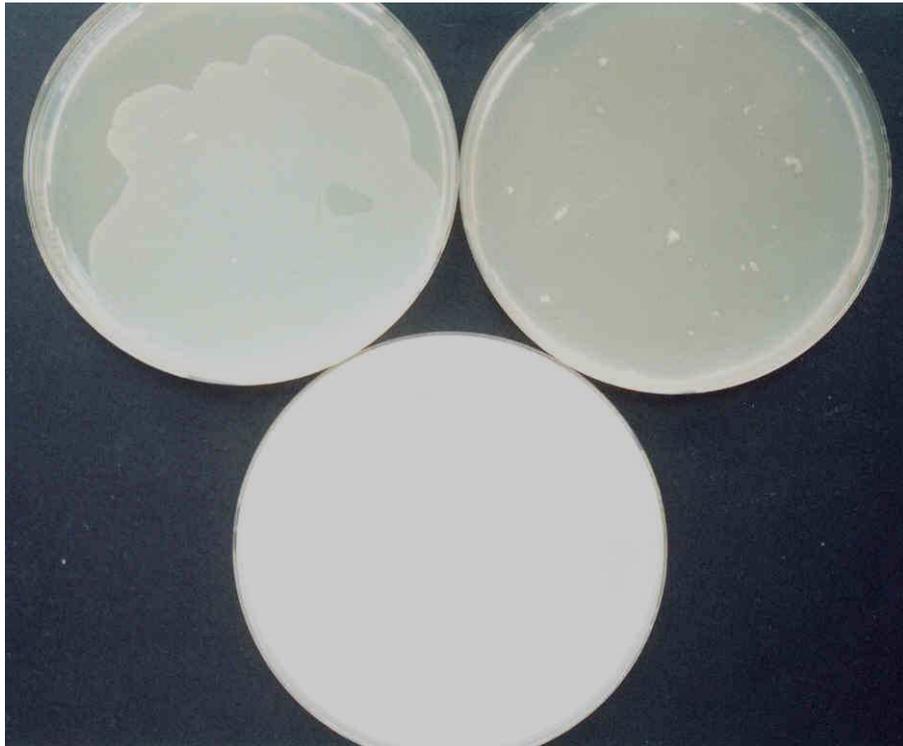
Carbon utilization:

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
				n.d.					

Enzymes:

2-	3+	4+	5+	6-	7-	8-	9-	10-	11+	
12+	13-	14-	15-	16-	17-	18-	19-	20-		
Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
-	-	-	+	-	-	-	-	-	-	-
Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg			
-	-	-	-	-	-	-	-			

Comments: Good growth on medium 5006



Patulibacter minatonensis

A and B – Agar plates media 5006, 5265 and 5315