

Name: ***Leifsonia bigeumensis***

Authors: Dastager et al. 2008

Status: sp. nov. (VP)

Reference: Int. J. Syst. Evol. Microbiol. 58:1937

Risk group: 1 (German classification)

Type strain: DSM 19322, KCTC 19268, MSL-27

Author(s) Dastager SG;Lee JC;Ju YJ;Park DJ;Kim CJ  
Title *Leifsonia bigeumensis* sp. nov., isolated from soil on Bigeum  
Island, Korea  
Journal Int J Syst Evol Microbiol  
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Page(s) 1935-1938  
Year 2008

**Genus:** *Leifsonia* **FH 6967**

**Species:** *biguemensis*

Numbers in other collections: DSM 19322

**Morphology:**

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

**Melanoid pigment:** - - - -

**NaCl resistance:** %

**Lysozyme resistance:**

**pH:** Value- Optimum-

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

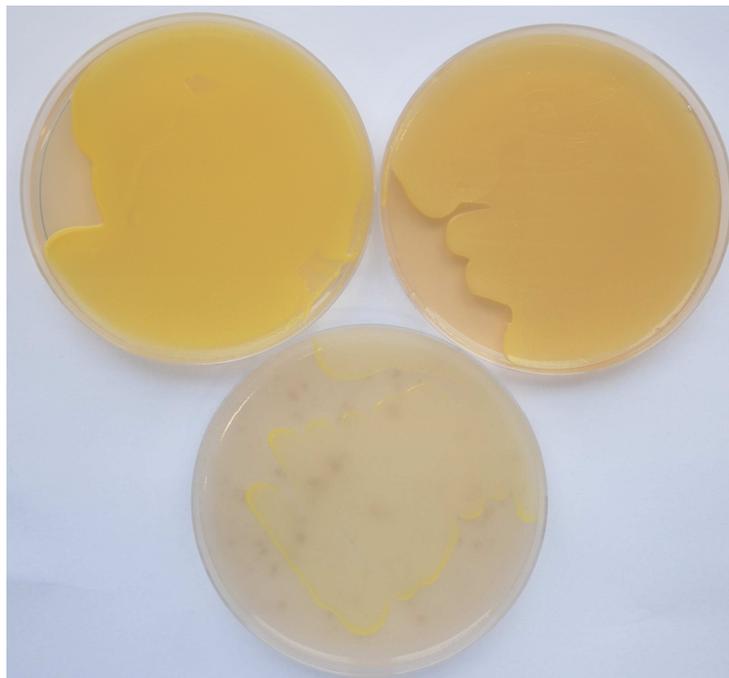
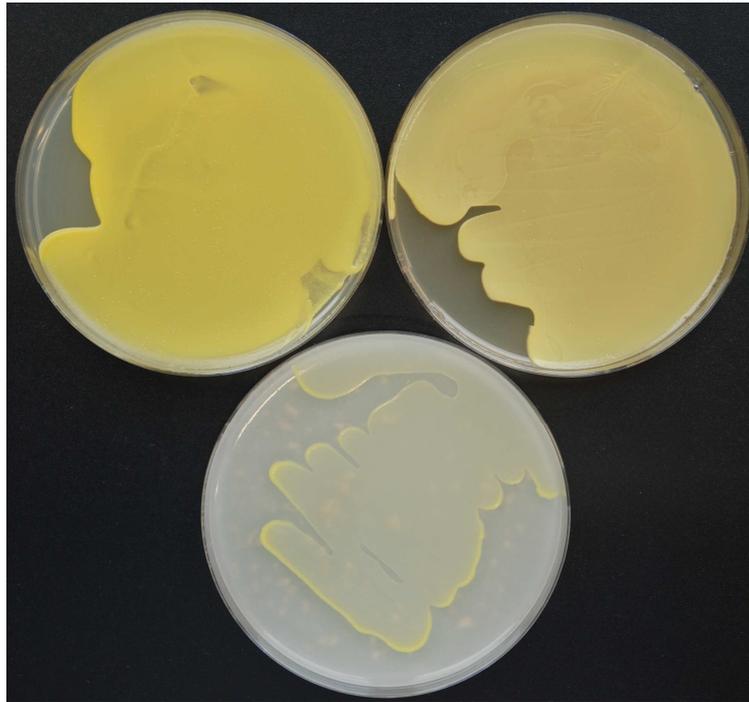
**Carbon utilization:**

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
				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:**



***Leifsonia bigeumensis***

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