

Name: ***Microlunatus panaciterrae***

Authors: An et al. 2008

Status: sp. nov. (VP)

Reference: Int. J. Syst. Evol. Microbiol. 58:2737

Type strain: DSM 18662, Gsoil 954, KCTC 13058

Author: An DS;Im WT;Yoon MH;
Title: *Microlunatus panaciterrae* sp. nov., a {beta}-glucosidase-producing bacterium isolated from soil in a ginseng field

Journal: Int J Syst Evol Microbiol
Volume: 58
Page: 2734-2738
Year: 2008

Genus: *Microlunatus* FH 7011
Species: *panaciterrae*
Numbers in other collections: DSM 18662

Morphology:

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

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 (beige) on medium 5006



Microlunatus panaciterrae

A - Agar plate with medium 5006

B - Api stripes coryne (upper) and zym

Compendium of Actinobacteria from Dr. Joachim M. Wink
University of Braunschweig