

Name: ***Fodinibacter luteus***

Authors: Wang et al. 2009

Status: sp. nov. (VP)

Reference: Int. J. Syst. Evol. Microbiol. 59:2189

Type strain: CCTCC AA 208036, DSM 21208, YIM C003

Author: Wang ZG;Wang YX;Liu JH;Chen YG;Zhang XX;Wen ML;Xu LH;Peng Q;Cui XL;

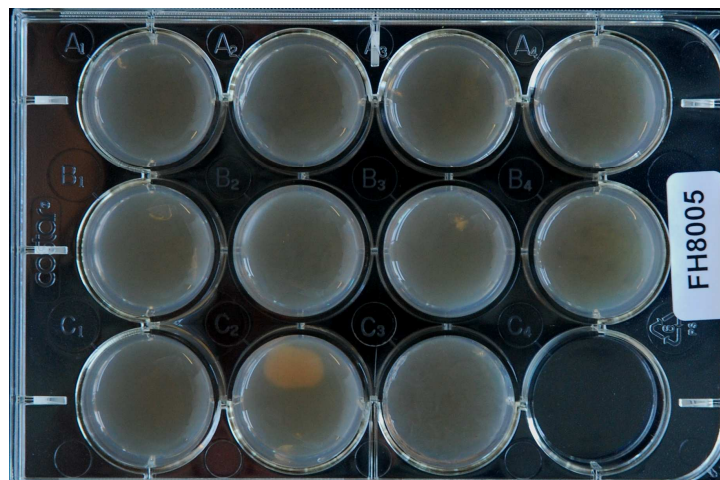
Title: *Fodinibacter luteus* gen. nov., sp. nov., an actinobacterium isolated from a salt mine

Journal: Int J Syst Evol Microbiol

Volume: 59

Page: 2185-2190

Year: 2009



Carbon utilization

**Genus:** *Fodinibacter* **FH 8005**

**Species:** *luteus*

**Numbers in other collections:** **DSM 21208**

Morphology:

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

**Melanoid pigment:** - - - -

**NaCl resistance:** %

**Lysozyme resistance:**

**pH:** Value- Optimum-

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

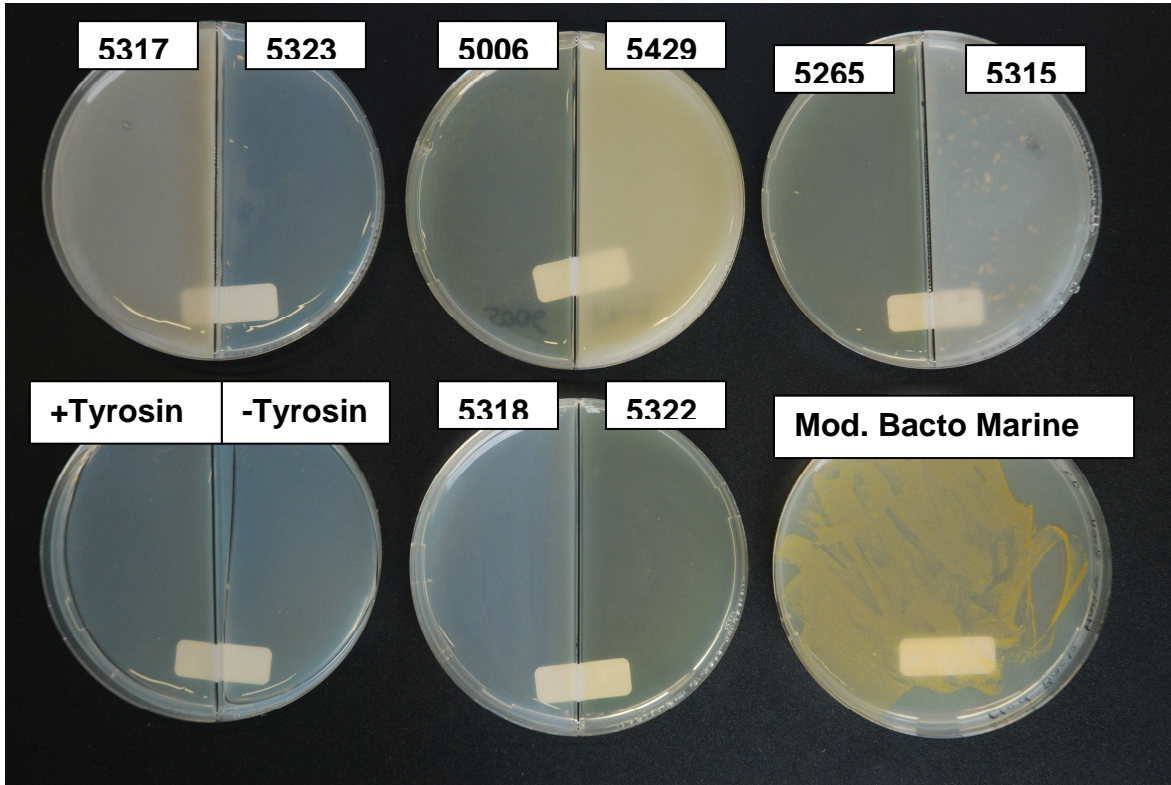
**Carbon utilization:**

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
+	+	+	+	+	+	+	+	(+)	(+)

**Enzymes:**

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:** Mod. Bacto Marine Broth G: good R: maize yellow  
A: none SP: none



***Fodinibacter luteus***

Growth on different agar plates



Api Zym (upper) and coryne

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