

Name: ***Promicromonospora flava***

Authors: Jiang et al. 2009

Status: sp. nov. (VP)

Reference: Int. J. Syst. Evol. Microbiol. 59:1602

Type strain: CC 0387, CCTCC AA208024, DSM 21481

Author: Jiang Y;Wiese J;Cao YR;Xu LH;Imhoff JF;Jiang CL;  
Title: *Promicromonospora flava* sp. nov., isolated from sediment of  
the Baltic Sea

Journal: Int J Syst Evol Microbiol

Volume: 59

Page: 1599-1602

Year: 2009



Carbohydrate utilization

**Genus:** *Promicromonospora*

**FH 8002**

Copyright: PD Dr. Joachim M. Wink, HZI - Helmholtz-Zentrum für Infektionsforschung GmbH,  
Inhoffenstr. 7, 38124 Braunschweig, Germany, Mail: joachim.wink@helmholtz-hzi.de.

**Species:** *flava*

**Numbers in other collections:** **DSM 21481**

**Morphology:**

	G	R
<u>ISP 2</u>	good	sulfur yellow
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	pable brown
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	grey white
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	sulfur yellow
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	grey white
	A	SP
	none	none

**Melanoid pigment:** - - - -

**NaCl resistance:** %

**Lysozyme resistance:**

**pH:** Value-

Optimum-

**Temperature :** Value-

Optimum- 28 °C

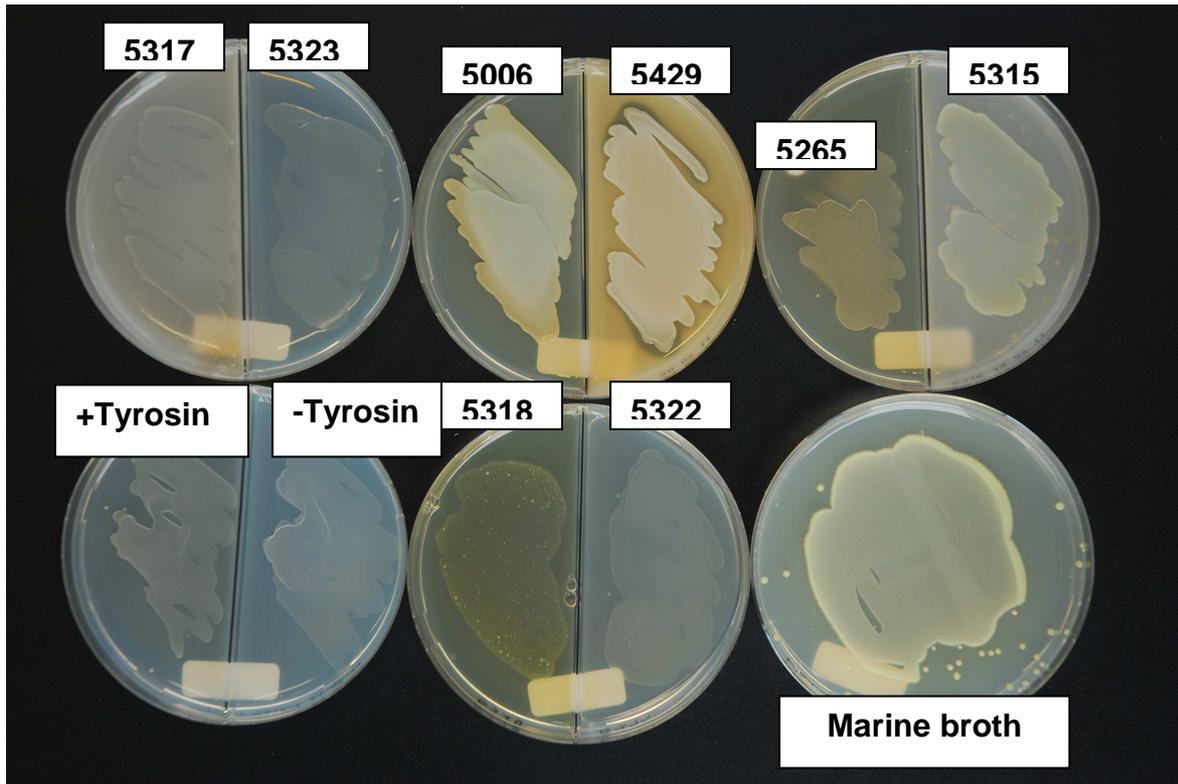
**Carbon utilization:**

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:** Marine broth - G: good; R: green beige; A: none; Sp: none



***Promicromonospora flava***  
Growth on different agar plates



Api coryne (upper) and Zym

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