

Name: ***Micrococcus yunnanensis***

Authors: Zhao et al. 2009

Status: sp. nov. (VP)

Reference: Int. J. Syst. Evol. Microbiol. 59:2386

Type strain: CCTCC AA 208060, DSM 21948, YIM 65004

Author: Zhao GZ;Li J;Qin S;Zhang YQ;Zhu WY;Jiang CL;Xu LH;
Li WJ;

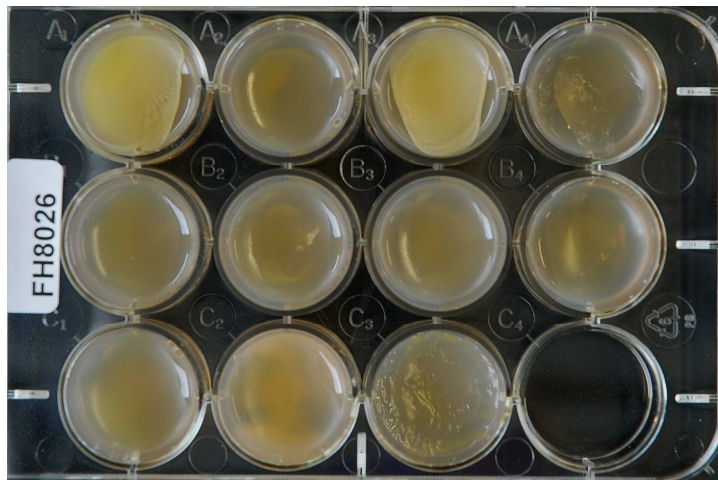
Title: *Micrococcus yunnanensis* sp. nov., a novel actinobacterium
isolated from surface-sterilized *Polyspora axillaris* roots

Journal: Int J Syst Evol Microbiol

Volume: 59

Page: 2383-2387

Year: 2009



Carbohydrate utilization

Genus: *Micrococcus* FH 8026

Species: *yunnanensis*

Numbers in other collections: DSM 21948

Morphology:

	G	R
<u>ISP 2</u>	good	zinc yellow
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	sulfur yellow
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	ivory
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	sulfur yellow
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	lemon yellow
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	zinc yellow
	A	SP
	none	none

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

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

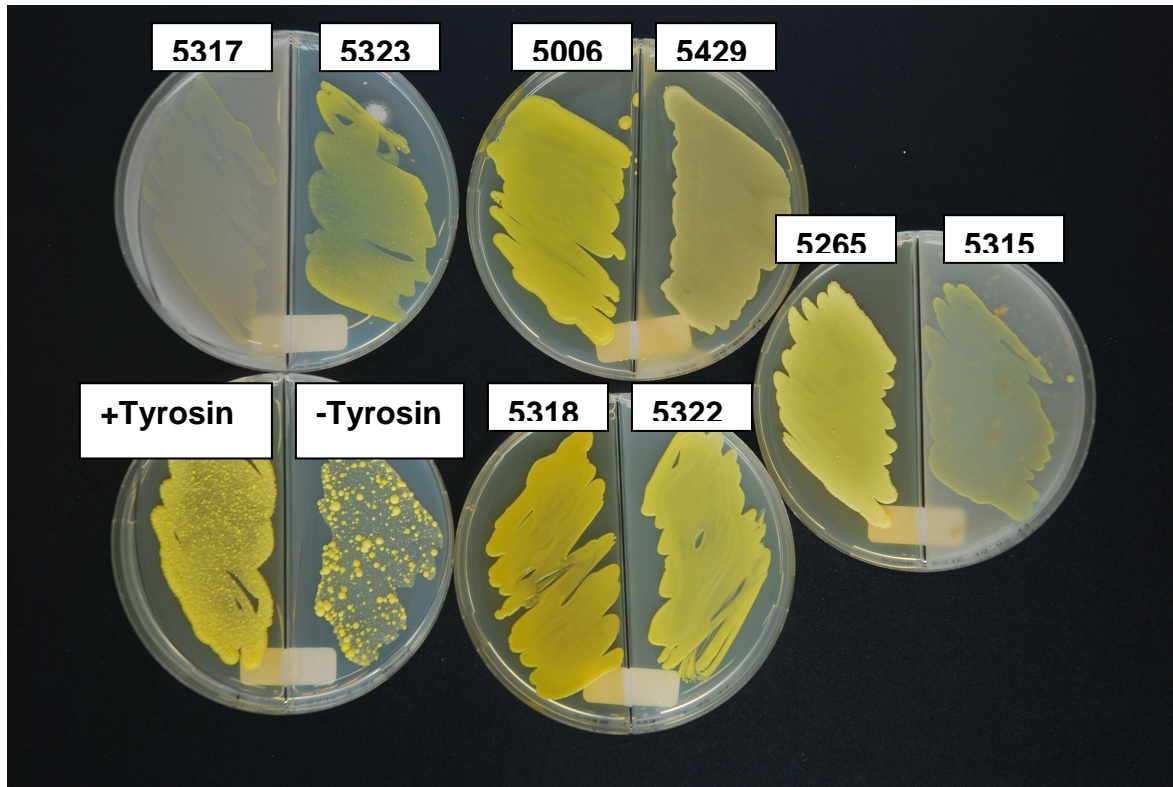
Carbon utilization:

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
+	-	+	-	-	-	-	-	-	-

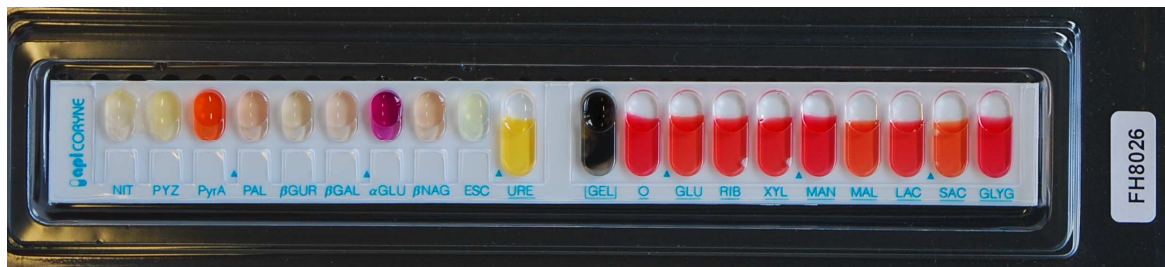
Enzymes:

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:



Micrococcus yunnanensis
Growth on different agar plates



Api coryne (upper) and Zym

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