

Name: ***Paraoerskovia marina***

Authors: Khan et al. 2009

Status: sp. nov. (VP)

Reference: Int. J. Syst. Evol. Microbiol. 59:2096

Type strain: CTT-37, DSM 21750, NBRC 104352

Author: Khan ST;Harayama S;Tamura T;Ando K;Takagi M;
Kazuo SY;

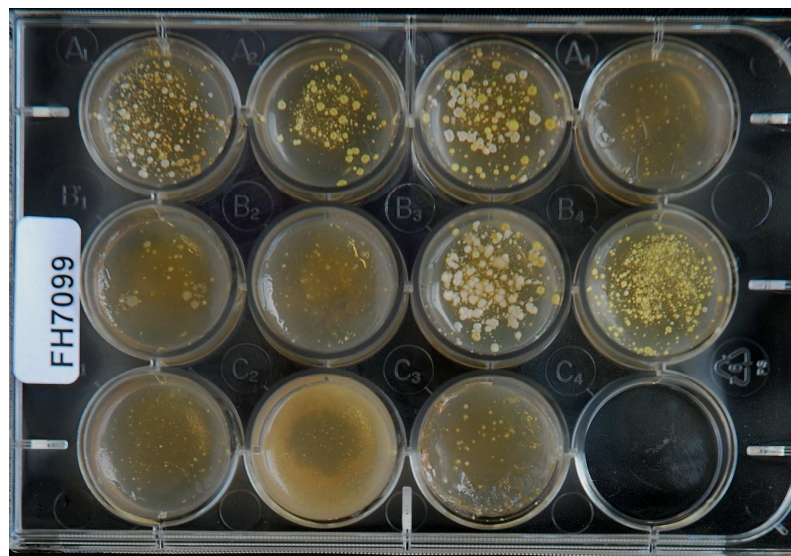
Title: *Paraoerskovia marina* gen. nov., sp. nov., an actinobacterium
isolated from marine sediment

Journal: Int J Syst Evol Microbiol

Volume: 59

Page: 2094-2098

Year: 2009



Carbohydrate utilization

Genus: *Paraoerskovia* FH 7099

Species: *marina*

Numbers in other collections: DSM 21750

Morphology:

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

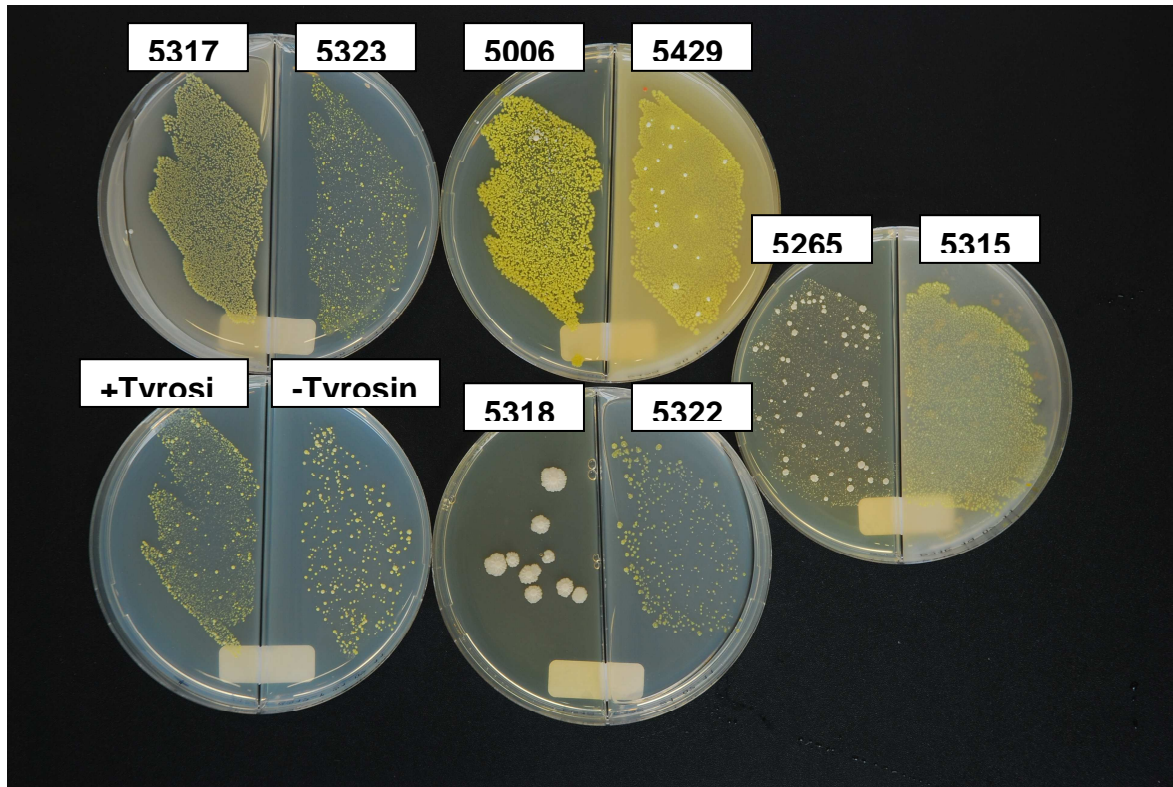
Carbon utilization:

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:



Paraoerskovia marina

Growth on different agar plates



Api coryne (upper) and Zym

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