

Name: ***Streptomyces xinghaiensis***

Authors: Zhao et al. 2009

Status: sp. nov. (VP)

Reference: Int. J. Syst. Evol. Microbiol. 59:2873

Type strain: CCTCC AA 208049, KCTC 19546,
NRRL B-24674, S187, DSM 42015

Author: Zhao XQ;Li WJ;Jiao WC;Li Y;Yuan WJ;Zhang YQ;Klenk
HP;Suh JW;Bai FW;

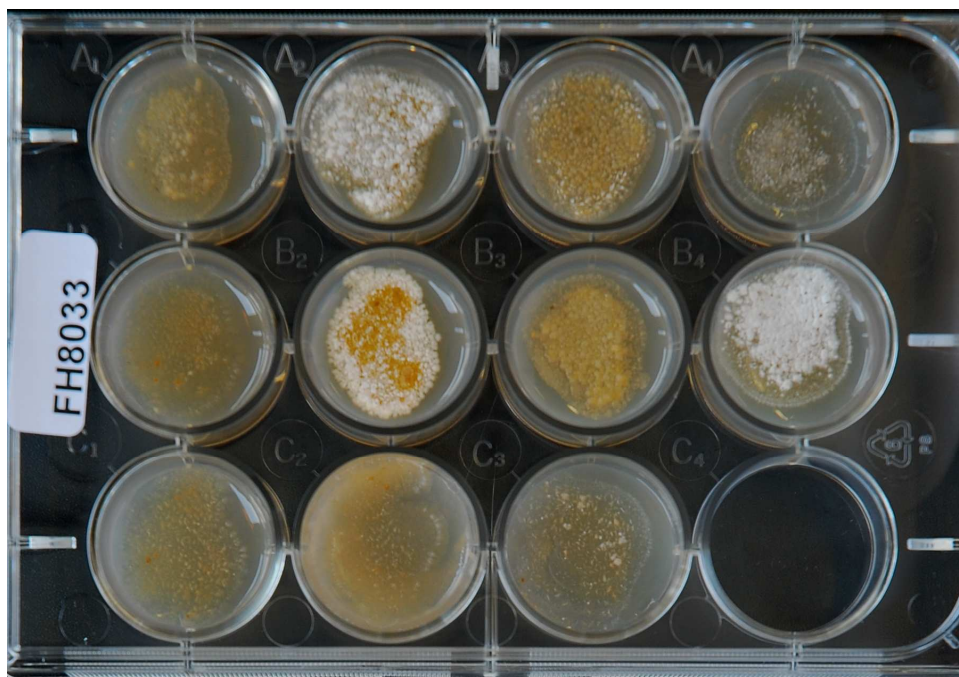
Title: *Streptomyces xinghaiensis* sp. nov., isolated from marine
sediment

Journal: Int J Syst Evol Microbiol

Volume: 59

Page: 2870-2874

Year: 2009



Carbohydrate utilization

Genus: *Streptomyces* **FH 8033**

Species: *xhingaiensis*

Numbers in other collections: DSM 42015

Morphology:

	G	R
<u>ISP 2</u>	good	maize yellow
	A	SP
	maize yellow	none
	G	R
<u>ISP 3</u>	good	signal yellow
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	oyster white
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	ivory
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	signal yellow
	A	SP
	chrome yellow	none
	G	R
<u>ISP 7</u>	good	oyster white
	A	SP
	none	none

Melanoid pigment: - + + -

NaCl resistance: %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum- 28 °C

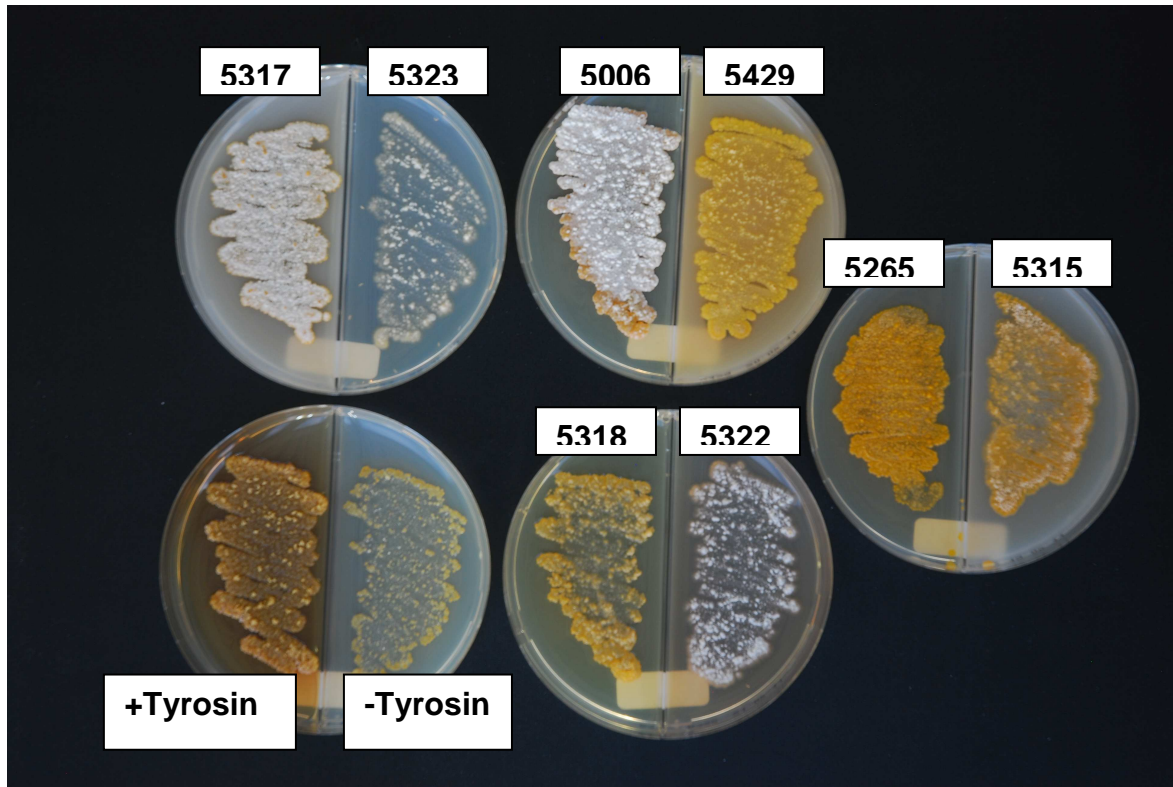
Carbon utilization:

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-	

Comments:



Streptomyces xinghaiensis
Growth on different agar plates



Api Zym

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