Name: ***Actinoplanes xinjiangensis***

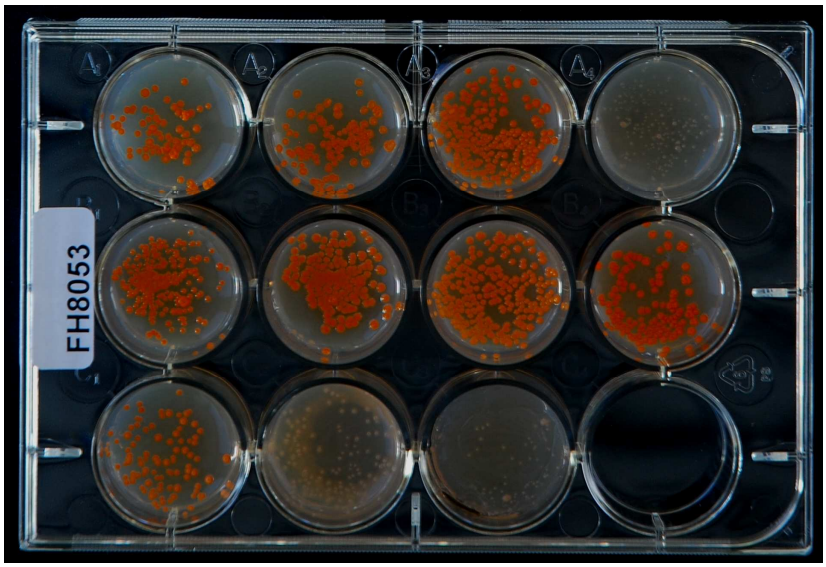
Authors: Sun et al. 2009

Status: sp. nov. (VP)

Reference: Int. J. Syst. Evol. Microbiol. 59:2767

Type strain: 03-8772, CCM 7527, DSM 45184, KCTC 19461

Author: Sun W;Dong GX;Zhang YQ;Wei YZ;Li QP;Yu LY;Klenk HP;Zhang YQ;
Title: *Actinoplanes sichuanensis* sp. nov. and *Actinoplanes xinjiangensis* sp. nov.
Journal: Int J Syst Evol Microbiol
Volume: 59
Page: 2763-2768
Year: 2009



Carbohydrate utilization

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Genus: ***Actinoplanes*** **FH 8053**
Species: ***xinjiangensis***
Numbers in other collections: DSM 45184

Morphology:

	G	R
ISP 2	good	deep orange
	A	SP
	deep orange	none
	G	R
ISP 3	good	pastel yellow
	A	SP
	none	none
	G	R
ISP 4	good	pastel yellow
	A	SP
	none	none
	G	R
ISP 5	good	pastel orange
	A	SP
	none	none
	G	R
ISP 6	none	none
	A	SP
	none	none
	G	R
ISP 7	good	ocher brown
	A	SP
	none	none

Melanoid pigment: - - - -
NaCl resistance: %
Lysozyme resistance:
pH: Value- Optimum-
Temperature : Value- Optimum- 28℃
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:
On Medium 5006 the strain FH8053 produces a soluble pigment in the color green brown.

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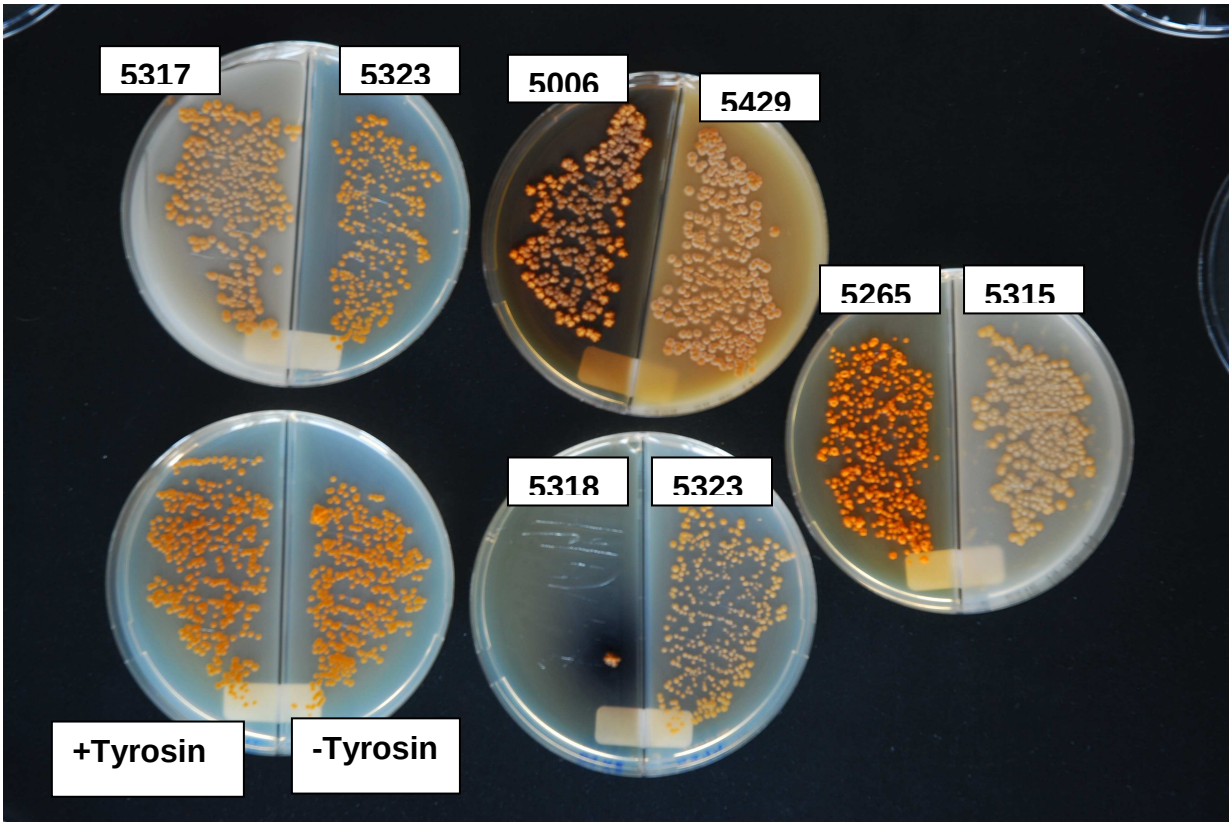

Actinoplanes xinjiangensis
Growth on different agar plates

Api Zym

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