Name: *Amycolatopsis keratiniphila* subsp. *nogabecina*

Authors: Wink et al. 2003

Status: New Subspecies

Literature: Int. J. Syst. Bacteriol. 53:935 (validation list)

Risk group: 1 (German classification)

Type strain: DSM 44586, FH 1893, NRRL B-24206

Author(s)	Wink, J. M., Kroppenstedt, R. M., Ganguli, B. N., Nadkarni, S. R., Schumann, P., Seibert, G., Stackebrandt, E.
Title	Three new antibiotic producing species of the genus *Amycolatopsis*, *Amycolatopsis balhimycina* sp. nov., *A. tolypomycina* sp. nov., *A. vancoresmycina* sp. nov., and description of *Amycolatopsis keratiniphila* subsp. *keratiniphila* subsp. nov. and *A. keratiniphila* subsp. *nogabecina* subsp. nov.
Journal	Syst. Appl. Microbiol.
Volume	26
Page(s)	38-46
Year	2003

Genus: ***Amycolatopsis*** **FH 1893**
Species: ***keratiniphila* subsp. *nogabecina***
Numbers in other collections: DSM 44586

Morphology:

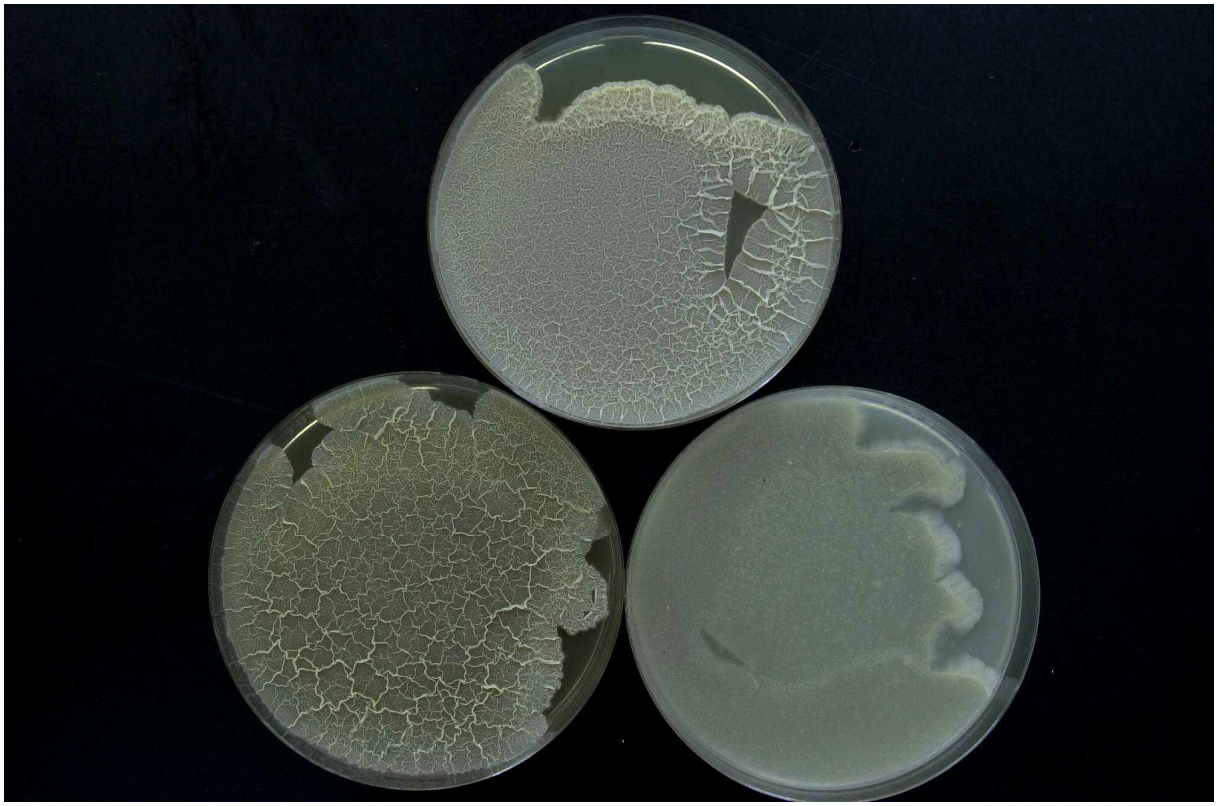
	G	R
ISP 2	good	sand yellow
	A	SP
	none	none
	G	R
ISP 3	good	sand yellow
	A	SP
	none	none
	G	R
ISP 4	sparse	beige
	A	SP
	none	none
	G	R
ISP 5	sparse	beige
	A	SP
	none	none
	G	R
ISP 6	good	sand yellow
	A	SP
	none	none
	G	R
ISP 7	sparse	beige
	A	SP
	none	none

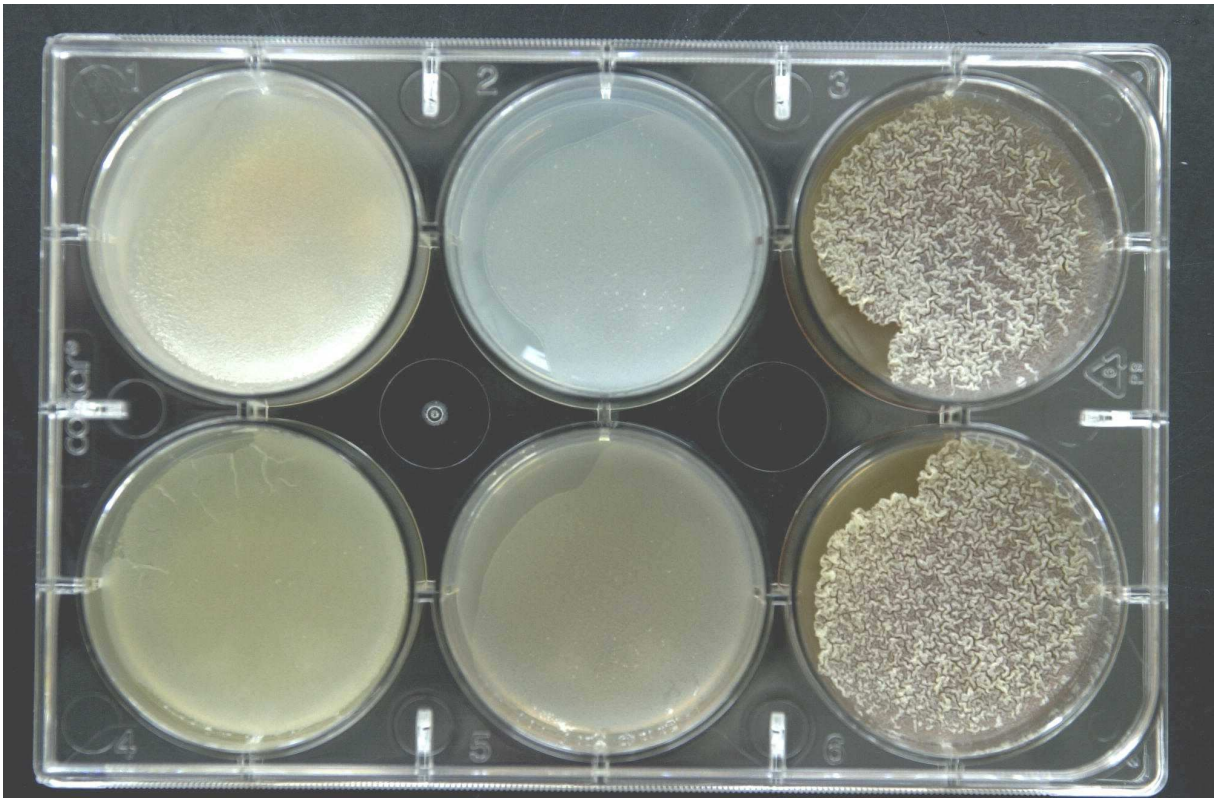
Spore chains: - Spore surface: -
Sporangia: - Fragmentation:
Melanoid pigment: - - - -
NaCl resistance:
Lysozyme resistance:
pH: Value- Optimum-
Temperature : Value- Optimum- 28℃
Carbon utilization:

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

Enzymes:

Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
+	+	+	+	+	-	+	+	-	-	-
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			
-	-	-	-	-	-	-	-			





Amycolatopsis keratiniphila subsp. nogabecina

A – Agar plates media 5006, 5265 and 5315
B – Microplate with ISP- and melanin media

Amycolatopsis keratiniphila subsp. nogabecina

C – Agar plates media 5006, 5265 and 5315
D – Microplate with ISP- and melanin media

Amycolatopsis keratiniphila subsp. *nogabecina* produces the antibacterial glycopeptide Nogabecin (=Actinoidin B).