Name: *Saccharopolyspora rectivirgula*

Authors: (Krassilnikov and Agre 1964)
Korn-Wendisch et al. 1989

Status: New Combination

Literature: Int. J. Syst. Bacteriol. 39:430

Risk group: 1 (German classification)

Type strain: ATCC 33515, BKM A-810, DSM 43747, INMI 683

Synonyms: *Faenia rectivirgula* (basonym), *Micropolyspora faeni* (heterotypic synonym), *Micropolyspora rectivirgula* (basonym)

Author(s) Kurup, V. P., Agre, N. S.
Title Transfer of *Micropolyspora rectivirgula* (Krassilnikov and Agre 1964) Lechevalier, Lechevalier and Becker 1966 to *Faenia* gen. nov.
Journal Int. J. Syst. Bacteriol.
Volume 33
Page(s) 663-665
Year 1983
Fatty acid pattern:

14 : 0	Iso	1,5
15 : 0	Iso	8,0
15 : 0	Anteiso	3,0
16 : 1	Iso H	1,0
16 : 0	Iso	20,0
16 : 0		1,5
16 : 0	methyl	6,0
17 : 0	Iso	18,0
17 : 0	Anteiso	26,0
17 : 1	Cis 9	3,0
17 : 0		3,0
17 : 0	10 methyl	1,5
18 : 0	Iso	1,5
18 : 0		2,0
18 : 1	Cis 9	1,0

Genus: ***Saccharopolyspora*** **FH 2297**
Species: ***rectivirgula***
Numbers in other collections: DSM 43747
Synonym "Micropolyspora faeni"
Morphology:

	G	R
ISP 2	good	beige
	A	SP
	none	none
	G	R
ISP 3	good	beige
	A	SP
	none	none
	G	R
ISP 4	good	colorless
	A	SP
	none	none
	G	R
ISP 5	good	beige
	A	SP
	none	none
	G	R
ISP 6	good	yellow
	A	SP
	none	none
	G	R
ISP 7	good	beige
	A	SP
	white	none

Spore chains: Spore surface: smooth
Sporangia: Fragmentation: +

Melanoid pigment: - - - -
NaCl resistance: 10 %
Lysozyme resistance:
pH: Value- Optimum-
Temperature : Value- 40-55 Optimum- 45℃

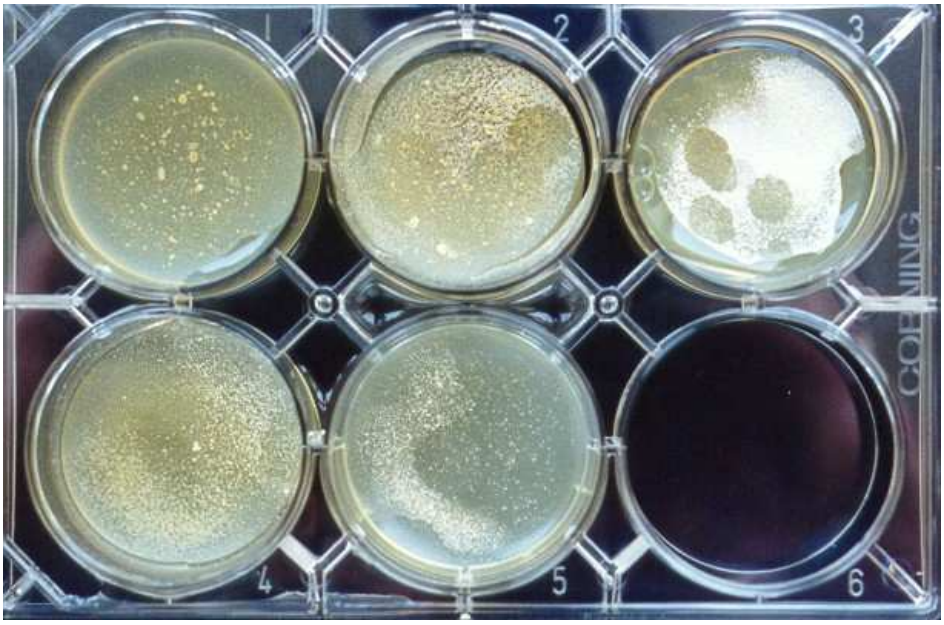
Carbon utilization:

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

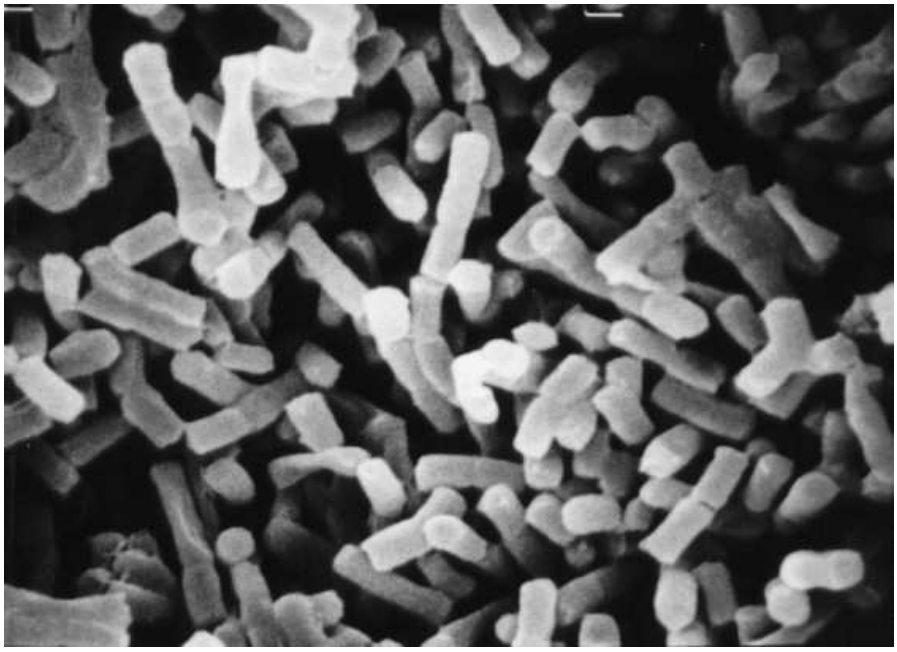
Enzymes:

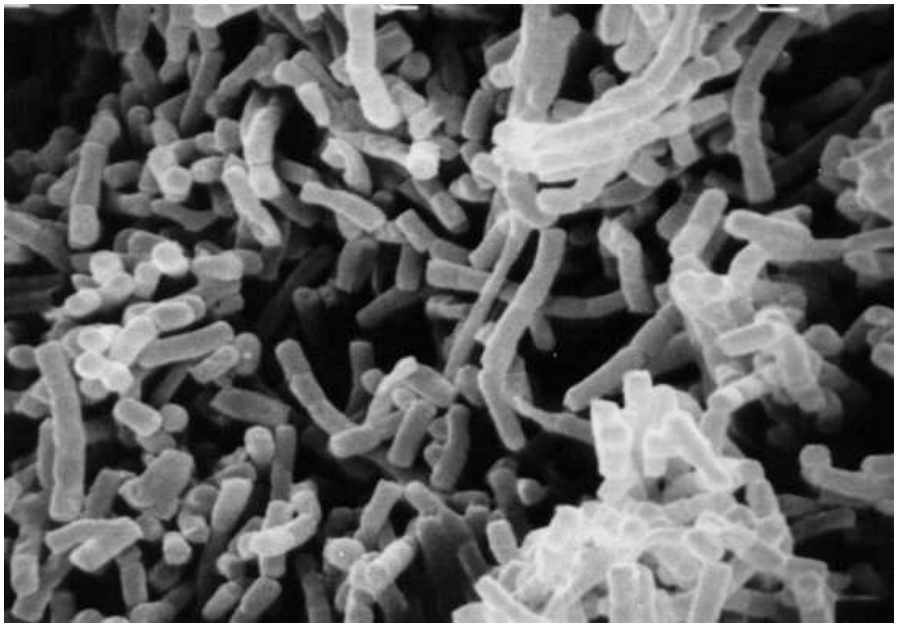
Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S

Saccharopolyspora rectivirgula
A and B – Agar plates medium 5265, 5315, 5317 and 5323
C – Agar plates medium 5006, 5318, 5322, 5337 with and without tyrosine



Saccharopolyspora rectivirgula
C – Sodium chloride resitance
D – Colony formation on medium 5265





Saccharopolyspora rectivirgula
Sporulating and fragmentating aerial hyphae (SEM)
E x 7.500 F x 5.000