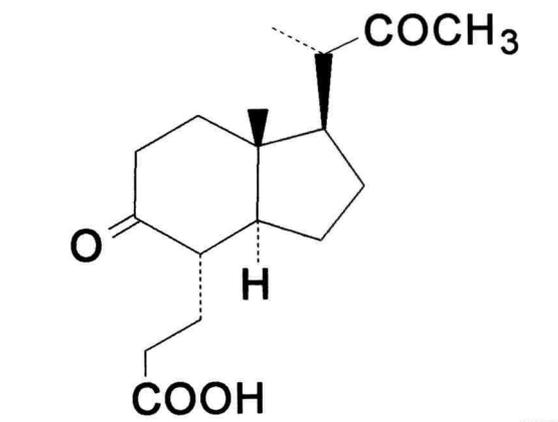


Name:	<i>Gordonia rubripertincta</i>
Authors:	(Hefferan 1904) Stackebrandt et al. 1989
Status:	New Combination, Corrected Name
Reference(s):	Int. J. Syst. Bacteriol. 39:371 (validation list)
Risk group:	1 (German classification)
Comment:	nom. corrig.: IJSB 47:485*; nom. corrig. IJSB 48:1073*; <i>Gordona rubropertinctus</i> [sic]
Type strain:	ATCC 14352, DSM 43197
Other names:	<i>Rhodococcus corallinus</i> (subjective synonym), <i>Rhodococcus rubropertinctus</i> (basonym)

Stackebrandt, E., J. Smida and M.D. Collins. 1988
Evidence of phylogenetic heterogeneity within the genus *Rhodococcus*,
revival of the genus *Gordonia* Tsukamura.
J. Appl. Microbiol. 34: 341-348

Antifungal metabolite from *Gordonia rubripertincta*:



Genus: *Gordonia*

FH 2810

Species: *rubripertincta*

Numbers in other collections: **DSM 43197**

Morphology:

	G	R
<u>ISP 2</u>	good	pure orange
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	pure orange
	A	SP
	none	none
	G	R
<u>ISP 4</u>	sparse	pure orange
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	pure orange
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	pure orange
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	pure orange
	A	SP
	none	none

Spore chains:

Spore surface:

Sporangia: -

Fragmentation: -

Melanoid pigment: - - - -

NaCl resistance: 7.5 %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum-

Carbon utilization:

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

Enzymes:

Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H ₂ S
-	+	+	-	-	-	-	-	-	-	-
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			
-	-	-	-	-	-	-	-			

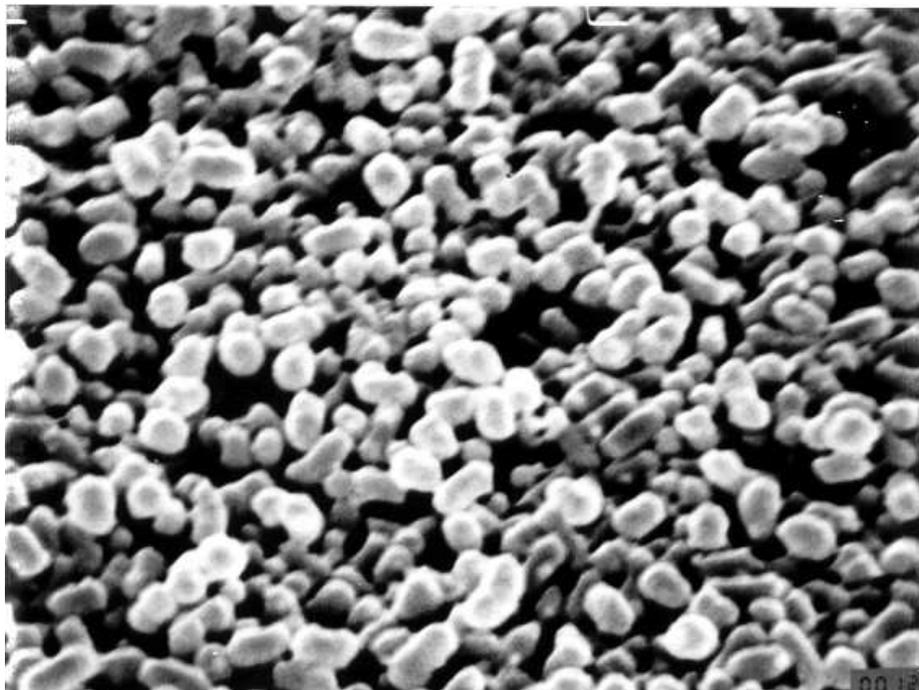
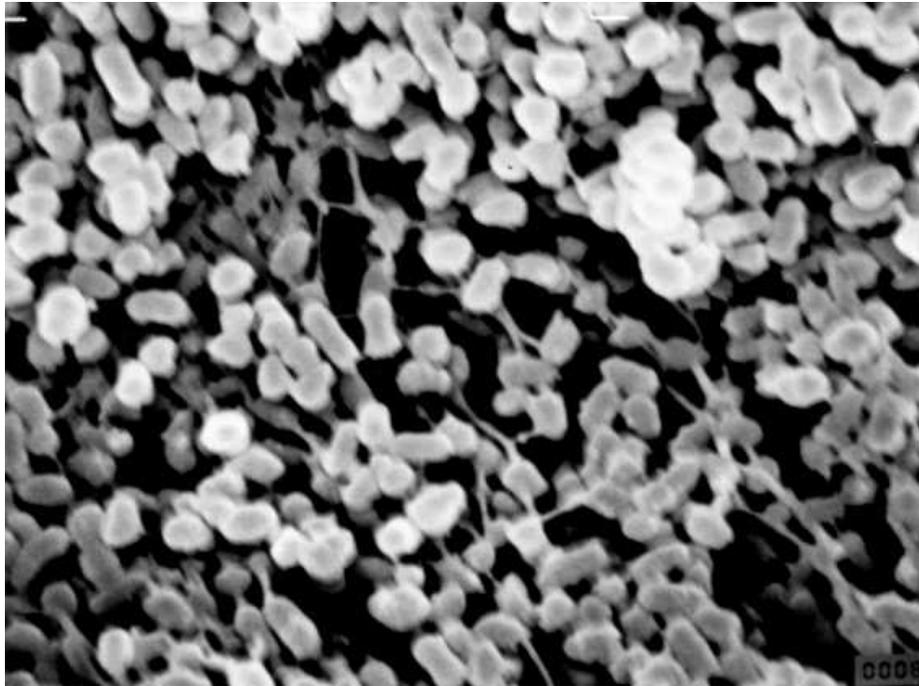
Comments:



Gordonia rubripertincta

A – Agar plates medium 5006, 5265 and 5315

B – Microplate with ISP- and melanin media



Gordonia rubriperetincta

Rods and Cocci (SEM)

C and D x 7.500