

Genus *Kocuria*
Species *polaris*
Subspecies
Author Reddy et al. 2003

Reclassification
Status sp. nov.

Type species DSM 14382

Hazard group 1

Author(s) Reddy, G. S. N., Prakash, J. S. S., Prabahar, V., Matsumoto, G. I., Stackebrandt, E., Shivaji, S.

Title *Kocuria polaris* sp. nov., an orange-pigmented psychrophilic bacterium isolated from an Antarctic cyanobacterial mat sample.

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Genus: *Kocuria*

FH 6375

Species: *polaris*

Numbers in other collections: DSM 14382

Morphology:

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

Spore chains:

Spore surface:

Sporangia: -

Fragmentation: -

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:

ZYM	2+	3+	4+	5-	6+	7-	8-	9+	10-	11-	
	12-	13+	14+	15-	16+	17-	18-	19-	20-		
ApiCoryne	Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
	+	(+)	-	-	+	+	-	-	+	-	
	Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg			
	+	-	-	+	-	+	-	-			



Kocuria polaris

A and B – Agar plates medium 5006, 5265 and 5315