

Name: ***Luteococcus japonicus***
Authors: Tamura et al. 1994
Status: New Species
Literature: Int. J. Syst. Bacteriol. 44:355
Risk group: 1 (German classification)
Type strain: ATCC 51526, CIP 104067, DSM 10546, IFO 12422, JCM 9415

Lit.: Tamura, T., M. Takeuchi and A. Yokota. 1994
Luteococcus japonicus gen. nov., sp. nov., a New Gram-Positive
Coccus with LL-Diaminopimelic Acid in the Cell Wall.
Int. J. Syst. Bacteriol. 44: 348-356

Genus: Luteococcus

FH 6079

Species: japonicus

Numbers in other collections: DSM 10546

Morphology:

	G	R
<u>ISP 2</u>	good	transparent
	A	SP
	none	none
	G	R
<u>5006</u>	good	pastel orange
	A	SP
	none	none
	G	R
<u>5425</u>	good	beige
	A	SP
	none	none
	G	R
<u>5428</u>	none	pastel orange
	A	SP
	none	none
	G	R
<u>5530</u>	good	pastel orange
	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
					nd.				

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			
+	-	-	+	+	-	+	-			

Comments:



Luteococcus japonicus

A and B –Agar plates medium 5006, 5265, 5425, 5428 and 5530