

Name: ***Cryptosporangium japonicum***
Authors: Tamura et al. 1998
Status: New Species
Literature: Int. J. Syst. Bacteriol. 48:1003
Risk group: 1 (German classification)
Type strain: IFO 15966, YU 636-3, DSM 44713

Tamura T., M. Hayakawa and K. Hatano. 1998
A new genus of the order *Actinomycetales*, ***Cryptosporangium*** gen.
nov., with descriptions of *Cryptosporangium arvum* sp. nov. and
Cryptosporangium japonicum sp. nov.
Int. J. Syst. Bacteriol. 48: 995-1005

Genus: *Cryptosporangium* **FH 6417**

Species: *japonicum*

Numbers in other collections: DSM 44713

Morphology:

	G	R
<u>ISP 2</u>	good	deep orange
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	deep orange
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	deep orange
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	deep orange
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	deep orange
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	clay brown
	A	SP
	none	clay brown

Melanoid pigment: - + + -

NaCl resistance: %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- °C

Carbon utilization:

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

Enzymes:

Api	Zym								
2+	3-	4-	5-	6+	7-	8-	9+	10-	11+
12-	13+	14+	15-	16+	17+	18-	19-	20-	

Comments:



Cryptosporangium japonicum

A and B – Agar plates medium 5006, 5265, 5315 and 5429