

Name: ***Rathayibacter rathayi***  
Authors: (Smith 1913) Zgurskaya et al. 1993  
Status: New Combination  
Literature: Int. J. Syst. Bacteriol. 43:146  
Risk group: 1 (German classification)  
Type strain: DSM 7485, NCPPB 2980, VKM Ac-1601  
Synonyms: *Corynebacterium rathayi* (basonym), *Clavibacter rathayi* (basonym)

Lit.: Zgurskaya, H. I., L.I. Evtushenko, V.N. Akimov and L.V. Kalakoutskii.  
1993

*Rathayibacter* gen. nov., Including the Species *Rathyibacter rathayi* comb. nov., *Rathayibacter tritici* comb. nov., *Rathayibacter iranicus* comb. nov., and Six Strains from Annual Grasses  
Int . J. Syst. Bacteriol. 43: 143-149

**Genus:** *Rathayibacter*

FH 6071

**Species:** *rathayi*

**Numbers in other collections:** DSM 7485

Morphology:

	G	R
<u>ISP 2</u>	good	ivory
	A	SP
	none	none
	G	R
<u>5006</u>	good	ivory
	A	SP
	none	none
	G	R
<u>5425</u>	good	ivory
	A	SP
	none	none
	G	R
<u>5428</u>	none	ivory
	A	SP
	none	none
	G	R
<u>5530</u>	good	ivory
	A	SP
	none	none

Spore chains:

Spore surface:

Sporangia:

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance: 5 %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum-

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:



***Rathayibacter rathayi***

A and B – Agar plates medium 5006, 5265, 5425 and 5228