

Name: *Brachybacterium tyrofermentans*

Authors: Schubert et al. 1996

Status: New Species

Literature: Int. J. Syst. Bacteriol. 46:86

Risk group: 1 (German classification)

Type strain: CNRZ 926, DSM 10673

Author(s) Schubert, K., Ludwig, W., Springer, N., Kroppenstedt, R. M.,  
Accolas, J.-P., Fiedler, F.

Title Two coryneform bacteria isolated from the surface of French  
Gruyère and Beaufort cheeses are new species of the genus  
*Brachybacterium*: *Brachybacterium alimentarium* sp. nov.  
and *Brachybacterium tyrofermentans* sp. nov.

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Year 1996

**Genus:** *Brachybacterium*

FH 6206

**Species:** *tyrofermentans*

**Numbers in other collections:** DSM 10673

**Basonym**

**Morphology:**

	G	R
<u>ISP 2</u>	good	sand yellow
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	sand yellow
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 5</u>	sparse	colorless
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	sand yellow
	A	SP
	none	none
	G	R
<u>ISP 7</u>	sparse	colorless
	A	SP
	none	none

**Melanoid pigment:** - - - -

**NaCl resistance:** %

**Lysozyme resistance:**

**pH:** Value- Optimum-

**Temperature :** Value- Optimum- 28°C

**Enzymes:**

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

**Comments:**



***Brachybacterium tyrofermentans***

A – Agar plates media 5006, 5265 and 5315

B – Microplate with ISP- and melanin media

C – Api Zym (lower) and Api Coryne