

Name:	<i>Terrabacter tumescens</i>
Authors:	(Jensen 1934) Collins et al. 1989
Status:	New Combination
Literature:	Int. J. Syst. Bacteriol. 39:1
Risk group:	1 (German classification)
Type strain:	ATCC 6947, CCM 1655, DSM 20308, IAM 12345, IMET 10431, JCM 1365, NCIB 8914, NCTC 4216
Synonyms:	<i>Arthrobacter tumescens</i> (basonym), <i>Pimelobacter tumescens</i> (basonym)

Lit.: Collins M. D., M. Dorsch and E. Stackebrandt. 1989
Transfer of *Pimelobacter tumescens* to *Terrabacter* gen. nov. as
Terrabacter tumescens comb. nov. and of *Pimelobacter jensenii* to
Nocardioides as *Nocardioides jensenii* comb. nov
Int. J. Syst. Bacteriol. 39: 1-6.

Genus: *Terrabacter*

FH 2815

Species: *tumescens*

Numbers in other collections: ATCC 6947

Morphology:

	G	R
<u>ISP 2</u>	good	cream
	A	SP
	-	-
	G	R
<u>ISP 3</u>	good	colorless
	A	SP
	-	-
	G	R
<u>ISP 4</u>	good	colorless
	A	SP
	-	-
	G	R
<u>ISP 5</u>	good	colorless
	A	SP
	-	-
	G	R
<u>ISP 6</u>	good	colorless
	A	SP
	-	-
	G	R
<u>ISP 7</u>	good	colorless
	A	SP
	-	-

Spore chains:

Spore surface:

Sporangia: -

Fragmentation: -

Melanoid pigment: - - + -

NaCl resistance: 5 %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum-

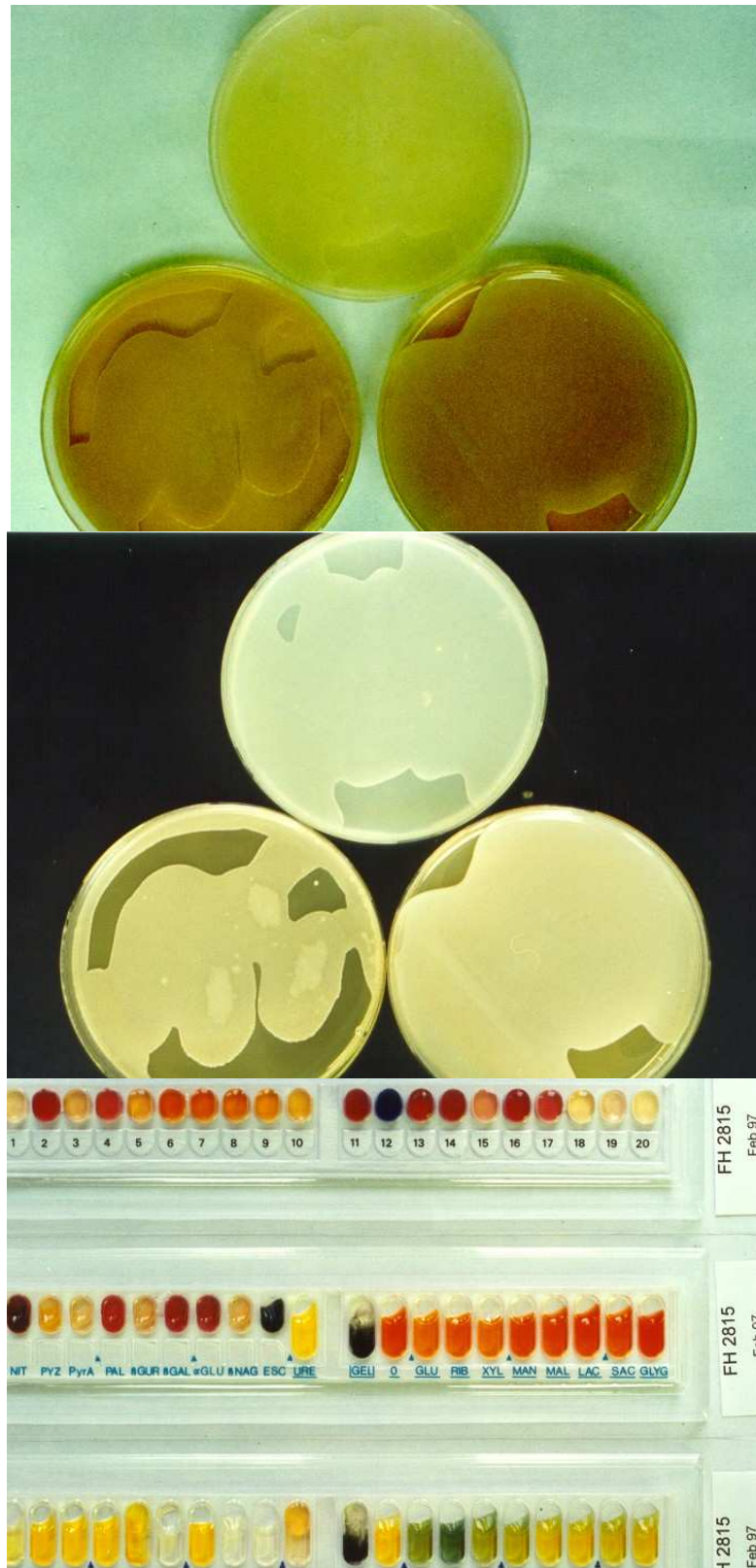
Carbon utilization:

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

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
+	-	-	+	-	+	+	-	+	-	+
Rib	Xyl	Man	Mal	Lac	Sac	Glyg				Glu
-	-	-	-	-	-	-	-			

Comments:



Terrabacter tumescens

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

C – Api zym, coryne and 20E (from the top)