Name: ***Isoptericola variabilis***

Authors: (Bakalidou et al. 2002) Stackebrandt et al. 2004

Status: New Combination

Literature: Int. J. Syst. Evol. Microbiol. 54:687

Risk group: 1 (German classification)

Type strain: ATCC BAA-303, DSM 10177, JCM 11754, MX5

Synonyms: *Cellulosimicrobium variabile* (homotypic synonym)

Author(s)	Bakalidou, A., Kämpfer, P., Berchtold, M., Kuhnigk, T., Wenzel, M., König, H.
Title	*Cellulosimicrobium variabile* sp. nov., a cellulolytic bacterium from the hindgut of the termite *Mastotermes darwiniensis*.
Journal	Int. J. Syst. Evol. Microbiol.
Volume	52
Page(s)	1185-1192
Year	2002

Author(s)	Stackebrandt, E., Schumann, P., Cui, X.-L.
Title	Reclassification of *Cellulosimicrobium variabile* Bakalidou et al. 2002 as *Isoptericola variabilis* gen. nov., comb. nov.
Journal	Int. J. Syst. Evol. Microbiol.
Volume	54
Page(s)	685-688
Year	2004

Genus: ***Isoptericola*** **FH 6281**
Species: ***variabilis***
Numbers in other collections: DSM 10177
Reclassification: Cellulosimicrobium variabile

Morphology:

	G	R
ISP 2	good	colourless
	A	SP
	none	none
	G	R
ISP 3	good	beige
	A	SP
	none	none
	G	R
ISP 4	good	beige
	A	SP
	none	none
	G	R
ISP 5	good	beige
	A	SP
	none	none
	G	R
ISP 6	good	beige
	A	SP
	none	none
ISP 7	G	R
	good	beige
	A	SP
	none	none

Melanoid pigment: - - - -
NaCl resistance: %
Lysozyme resistance:
pH: Value- Optimum-
Temperature : Value- Optimum- 28℃
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+	

Api Coryne

Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
+	-	-	+	-	+	+	+	+	+	+
Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg			
+	-	+	-	+	+	+	+			

Comments:

Isoptericola variabilis

A - Agar plates medium 5006,5265 and 5315
B - Microplate with ISP- and melanin media
C - Api Zym (upper) and Api Coryne