

Name: ***Agreia bicolorata***
Authors: Evtushenko et al. 2001
Status: New Species
Literature: Int. J. Syst. Evol. Microbiol. 51:2077
Risk group: 1 (German classification)
Type strain: DSM 14575, UCM Ac-620, VKM Ac-1804

Author: Evtushenko, L. I., Dorofeeva, L. V., Dobrovolskaya, T. G.,
Streshinskaya, S. A., Subbotin, S. A., Tiedje, J. M.
Title: *Agreia bicolorata* gen. nov., sp. nov., to accommodate
actinobacteria isolated from narrow reed grass infected by
the nematode *Heteroanguina graminophila*.
Journal: Int. J. Syst. Evol. Microbiol.
Volume: 51
Page: 2073-2079
Year: 2001

Genus: *Agreia* **FH 6450**

Species: *bicolorata*

Numbers in other collections: **DSM 14575**

Morphology:

	G	R
<u>ISP 2</u>	good	vermillion
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	yellow orange
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	pastel yellow
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	pastel yellow
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	pastel yellow
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	pastel yellow
	A	SP
	none	none

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

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

Carbon utilization:

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

Enzymes:

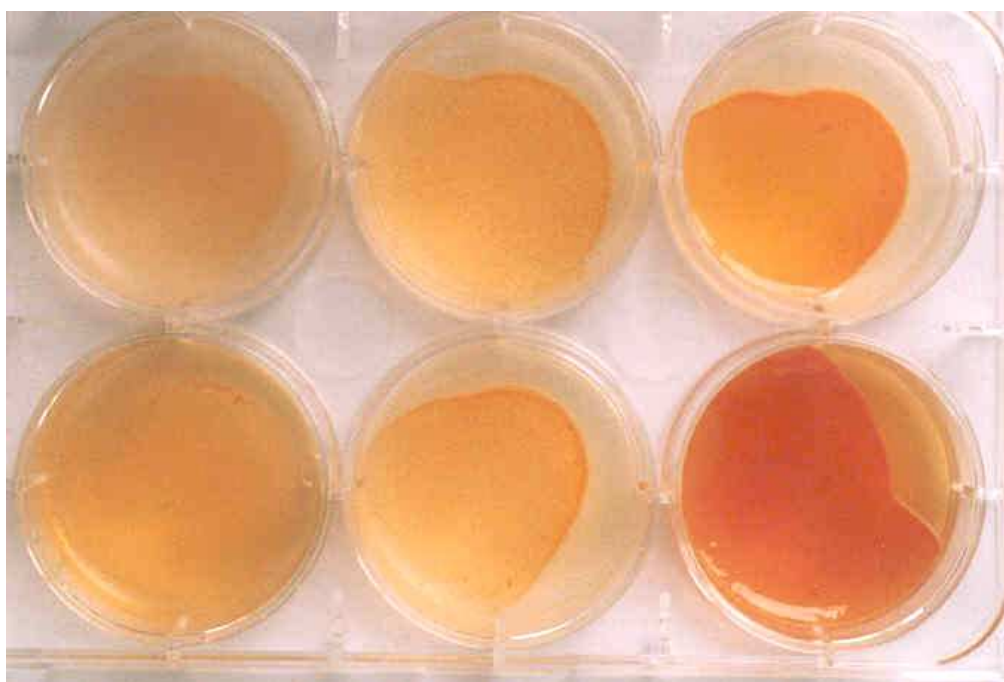
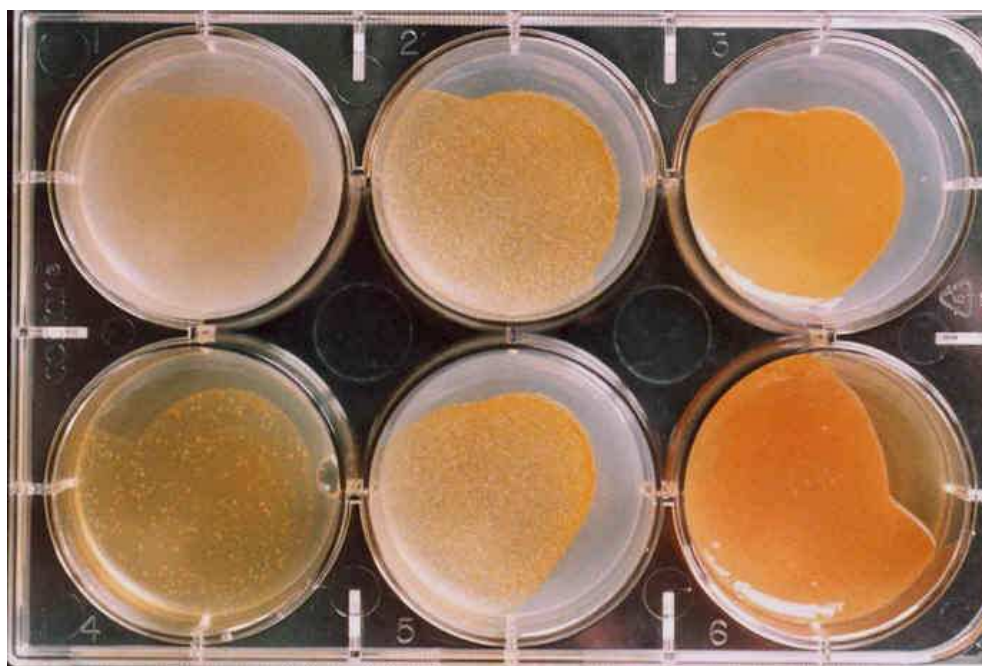
2 -	3 -	4 -	5 -	6 +	7 +	8 -	9 +	10 -	11 +	
12 -	13 +	14 -	15 -	16 +	17 +	18 -	19 +	20 -		
Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
-	-	-	-	-	+	+	-	+	+	-

Comments: Vermillion on medium 5429 and yellow orange on 5475



Agreia bicolorata

A and B – Agar plates edum 5006, 5265, 5315, 5429 and 5475



Agreis bicolorata

C and D – Microplate with ISP- and melanin media



Agreia bicolorata

E – Microplate for carbon utilization

F – Api Coryne (upper) and Zym