Name: ***Corynebacterium maris***

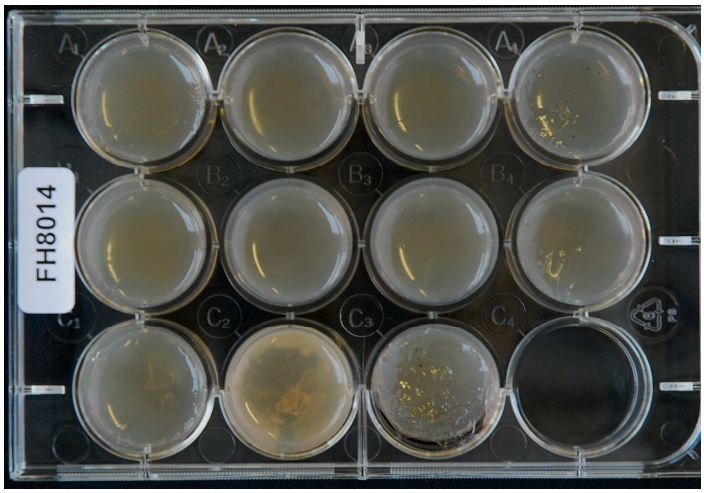
Authors: Ben-Dov et al. 2009

Status: sp. nov. (VP)

Reference: Int. J. Syst. Evol. Microbiol. 59:2462

Type strain: Coryn-1, DSM 45190, LMG 24561

Author: Ben-Dov E;Ben Yosef DZ;Pavlov V;Kushmaro A;
Title: *Corynebacterium maris* sp. nov., a marine bacterium isolated from the mucus of the coral *Fungia granulosa*
Journal: Int J Syst Evol Microbiol
Volume: 59
Page: 2458-2463
Year: 2009



Carbohydrate utilization

Copyright: PD Dr. Joachim M. Wink, HZI - Helmholtz-Zentrum für Infektionsforschung GmbH, Inhoffenstr. 7, 38124 Braunschweig, Germany, Mail: joachim.wink@helmholtz-hzi.de.

Genus: ***Corynebacterium*** **FH 8014**
Species: ***maris***
Numbers in other collections: DSM 45190
Morphology:

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

Melanoid pigment: - - - -
NaCl resistance: %
Lysozyme resistance:
pH: Value- Optimum-
Temperature : Value- Optimum- 25 ℃
Carbon utilization:

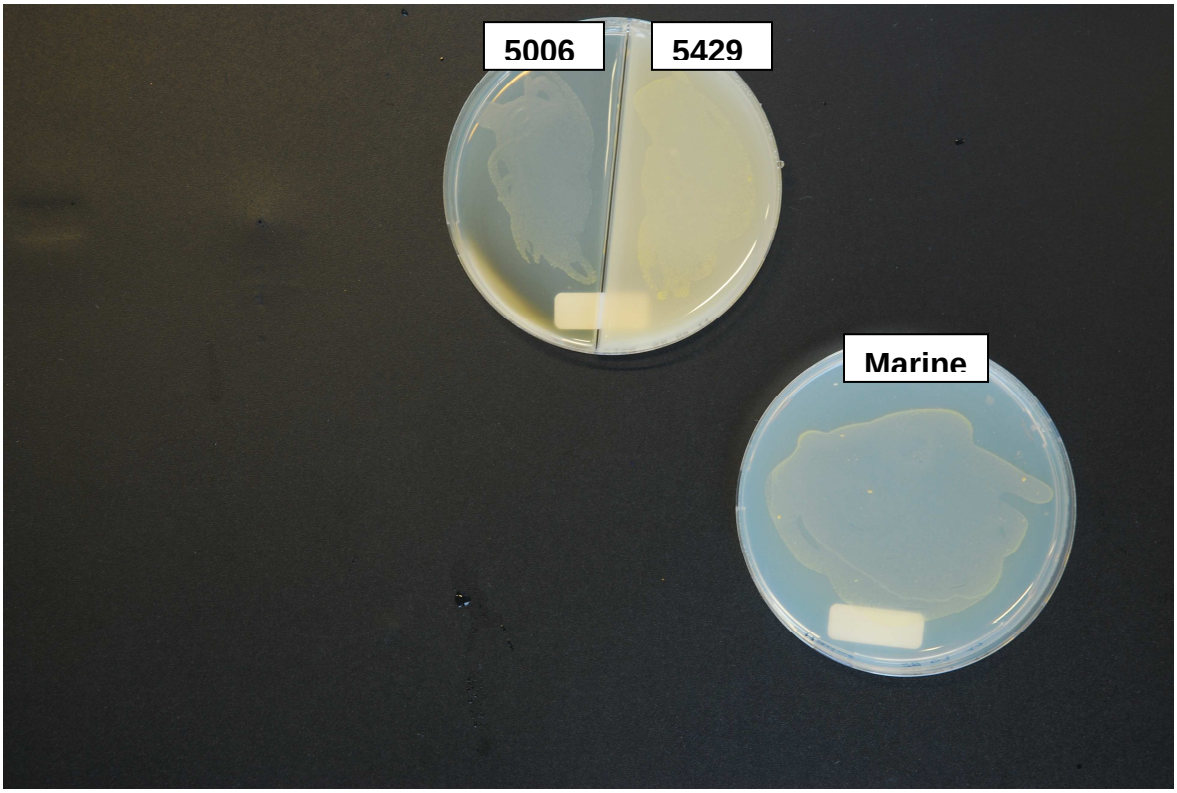
Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
+	+	+	+	+	+	+	+	-	-

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

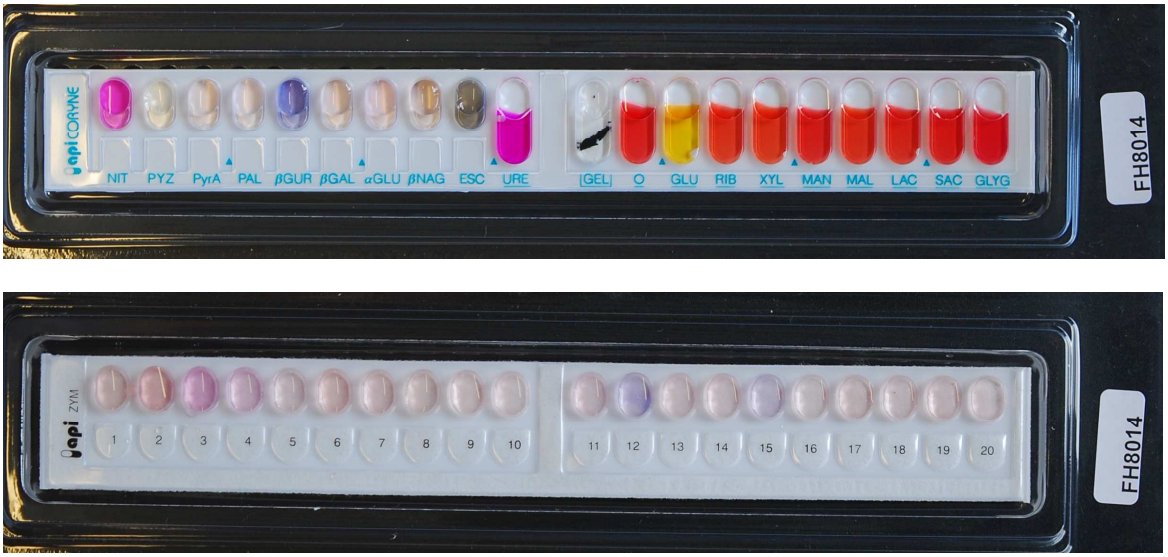
Comments: marine: G: good; R. green beige; A: none; SP: none

Copyright: PD Dr. Joachim M. Wink, HZI - Helmholtz-Zentrum für Infektionsforschung GmbH, Inhoffenstr. 7, 38124 Braunschweig, Germany, Mail: joachim.wink@helmholtz-hzi.de.



Corynebacterium maris
Growth on different agar plates

Api coryne (upper) and Zym



Copyright: PD Dr. Joachim M. Wink, HZI - Helmholtz-Zentrum für Infektionsforschung GmbH, Inhoffenstr. 7, 38124 Braunschweig, Germany, Mail: joachim.wink@helmholtz-hzi.de.

Copyright: PD Dr. Joachim M. Wink, HZI - Helmholtz-Zentrum für Infektionsforschung GmbH,
Inhoffenstr. 7, 38124 Braunschweig, Germany, Mail: joachim.wink@helmholtz-hzi.de.