

<b>Strain</b>		DSM 45549
Genus		<i>Salinispora</i>
Species		<i>mooreana</i>
<b>Status</b>		
Risk group		1 (provisional classification by DSMZ)
Type strain		CNT-150
Genbank accession number		16S rRNA gene: <a href="#">HQ642900</a>
<b>Reference</b>		
Author		Roman-Ponce B, Millan-Aguinaga N, Guillen-Matus D, Chase AB, Ginigini JGM, Soapi K, Feussner KD, Jensen PR, Trujillo ME.
Title		Six novel species of the obligate marine actinobacterium <i>Salinispora</i> , <i>Salinispora cortesiana</i> sp. nov., <i>Salinispora fenicalii</i> sp. nov., <i>Salinispora goodfellowii</i> sp. nov., <i>Salinispora mooreana</i> sp. nov., <i>Salinispora oceanensis</i> sp. nov. and <i>Salinispora vitiensis</i> sp. nov., and emended description of the genus <i>Salinispora</i>
Journal		Int J Syst Evol Microbiol
Volume		70
Page		4668-4682
Year		2020
<b>Morphology</b>		
Agar	ISP 2 - growth/G	None
Agar	ISP 2 - colony colour/R	-
Agar	ISP 2 - aerial mycelium/A	-
Agar	ISP 2 - soluble pigment/S	-
Agar	ISP 3 - G	None
Agar	ISP 3 - R	-
Agar	ISP 3 - A	-
Agar	ISP 3 - S	-
Agar	ISP 4 - G	None
Agar	ISP 4 - R	-
Agar	ISP 4 - A	-
Agar	ISP 4 - S	-
Agar	ISP 5 - G	None
Agar	ISP 5 - R	-
Agar	ISP 5 - A	-
Agar	ISP 5 - S	-

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Agar	ISP 6 - G	None
Agar	ISP 6 - R	-
Agar	ISP 6 - A	-
Agar	ISP 6 - S	-
Agar	ISP 7 - G	None
Agar	ISP 7 - R	-
Agar	ISP 7 - A	-
Agar	ISP 7 - S	-
Agar	suter with tyrosine - G	None
Agar	suter with tyrosine - R	-
Agar	suter with tyrosine - A	-
Agar	suter with tyrosine - S	-
Agar	suter without tyrosine - G	None
Agar	suter without tyrosine - R	-
Agar	suter without tyrosine - A	-
Agar	suter without tyrosine - S	-
	Sporechains/Sporangia	
<b>Physiology</b>		
Melanin		
pH	range	
pH	optimum	
temperature	range	
temperature	optimum	
sodium chloride tolerance		2,5% (only)
lysozyme tolerance		
use of carbohydrates	glucose	+
use of carbohydrates	arabinose	+
use of carbohydrates	sucrose	-
use of carbohydrates	xylose	+
use of carbohydrates	inositol	+
use of carbohydrates	mannose	(+)
use of carbohydrates	fructose	+
use of carbohydrates	rhamnose	(+)
use of carbohydrates	raffinose	+
use of carbohydrates	cellulose	(+)
Api zym	Phosphatase alkaline	5
Api zym	Esterase (C4)	3
Api zym	Esterase Lipase (C8)	3
Api zym	Lipase (C14)	1
Api zym	Leucin arylamidase	3
Api zym	Valine arylamidase	1
Api zym	Cystine arylamidase	0
Api zym	Trypsin	1
Api zym	Chymotrypsin	1

Api zym	Phosphatase acid	0
Api zym	Naphtol-AS-BI-phosphohydrolase	1
Api zym	alpha galactosidase	0
Api zym	beta galactosidase	0
Api zym	beta glucuronidase	0
Api zym	alpha glucosidase	0
Api zym	beta glucosidase	1
Api zym	N-acetyl-beta-glucoseamidase	0
Api zym	alpha mannosidase	0
Api zym	alpha fucosidase	0
Api coryne	nitrate reduction	-
Api coryne	Pyraziamidase	-
Api coryne	Pyrrolidonyl arylamidase	-
Api coryne	Alkaline phosphatase	+
Api coryne	beta glucuronidase	-
Api coryne	beta galactosidase	-
Api coryne	alpha glucosidase	-
Api coryne	N-acetyl -beta glucoseamidase	-
Api coryne	Esculin (beta glucosidase)	-
Api coryne	Urease	-
Api coryne	Gelatine(hydrolysis)	+
Api coryne	Glucose fermentation	-
Api coryne	Ribose fermentation	-
Api coryne	Xylose fermentation	-
Api coryne	Mannitol fermentation	-
Api coryne	Maltose fermentation	-
Api coryne	Lactose fermentation	-
Api coryne	Sucrose fermentation	-
Api coryne	Glycogen fermentation	-

### APIcoryne



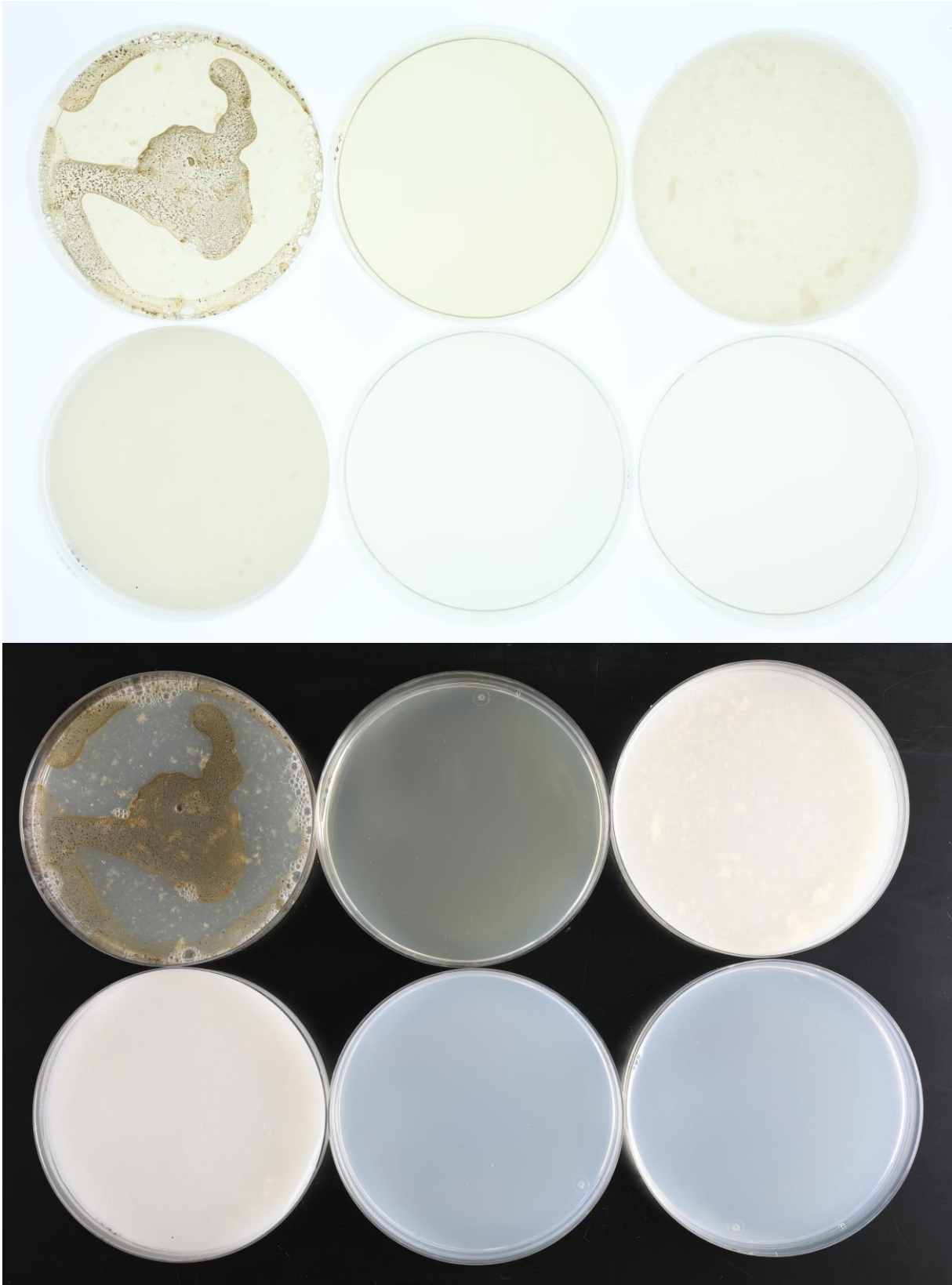
Abbildung 1: Apicoryne-Teststreifen mit Keim DSM.

### APIzym



Abbildung 2: Apizym-Teststreifen mit Keim DSM.

**Plates (514, ISP2, ISP3, ISP4, ISP5, ISP7)**



**Carbon utilization test (from top left to bottom right: glucose, arabinose, sucrose, xylose, inositol, mannose, fructose, rhamnose, raffinose, cellulose)**



**Sodium chloride tolerance test (from top left to bottom right: 0%, 2,5%, 5%, 7,5%, 10%)**

