

表 1 从尖齿胡鲶水肿的鱼苗中分离出的嗜麦芽窄食单胞菌菌株 EGC 和 RGC 分离株的表型特征

Table 1 Phenotypic characteristics of *Stenotrophomonas maltophilia* strains EGC and RGC isolated from *Clarias gariepinus* fries with dropsy

特征 Characteristics	目前的研究		参照	特征 Characteristics	目前的研究		参照
	Present study		Reference		Present study		Reference
	品种	品种	品种		品种	品种	品种
	Strain	Strain	Strain		Strain	Strain	Strain
	EGC	RGC	SK1a		EGC	RGC	SK1a
D-葡萄糖(dGLU) D-Glucose (dGLU)	-	-	-	丙氨酸-苯丙氨酸-脯氨酸芳胺酶 (APPA) Ala-Phe-Pro-arylamidase (APPA)	+	+	+
蔗糖(SAC) Saccharose/Sucrose (SAC)	-	-	-	吡咯烷基芳胺酶 L Pyrrolydonyl-arylamidase (PyrA)	-	-	-
D-纤维二糖 D-Cellulobiose (dCEL)	-	-	-	$\beta$ -N-乙酰葡萄糖苷酶 Beta-N-Acetyl-glucosaminidase(BNAG)	-	-	-
侧金盏花醇(ADO) Adonitol (ADO)	-	-	-	谷氨酰芳胺酶(AGLTp) GlutamylarylamidasepNA(AGLTp)	-	-	-
L-阿拉伯糖醇(IARL) L-Arabitol (IARL)	-	-	-	$\gamma$ -谷氨酰转移酶(GGT) Gamma-glutamyl-transferase (GGT)	+	+	+
D-甘露醇 D-Mannitol (dMAN)	-	-	-	$\beta$ -丙氨酸芳胺酶 Beta-alanine arylamidase pNA (BALap)	-	-	-
D-山梨醇 D-Sorbitol (dSOR)	-	-	-	L-脯氨酸芳胺酶 L-Proline arylamidase (ProA)	+	+	+
D-麦芽糖 D-Maltose (dMAL)	-	-	-	酪氨酸芳胺酶 Tyrosine arylamidase (TyrA)	-	-	-
D-甘露糖 D-Mannose (dMNE)	-	-	-	N-乙酰- $\beta$ -半乳糖氨酶 Beta-N-acetyl-galactosaminidase (NAGA)	-	-	-
D-塔格糖 D-Tagatose (dTAG)	-	-	-	氨基乙酸芳胺酶 Glycine arylamidase (GlyA)	-	-	-
D-海藻糖 D-Trehalose (dTRE)	-	-	-	谷氨酸-甘氨酸-精氨酸芳胺酶 Glu-Gly-Arg-arylamidase(GGAA)	+	-	+
硫化氢产生 H2S production (H2S)	-	-	-	ELLMAN Ellman (ELLM)	-	-	-
赖氨酸脱羧酶 Lysine decarboxylase (LDC)	-	-	-	L-乳酸盐同化 L-Lactate assimilation (ILATa)	-	-	-
鸟氨酸脱羧酶 Orinithine decarboxylase (ODC)	-	-	-	组氨酸同化 L-Histidine assimilation (IHISa)	-	-	-
L-苹果酸盐同化 L-Malate assimilation (IMLTa)	-	-	-	5-酮-葡萄糖苷 5-Keto D-gluconate (5KG)	-	-	-
柠檬酸盐(钠) Citrate (sodium) (CIT)	+	+	+	古老糖 Palatinose (PLE)	-	-	-
尿素酶 Urease (URE)	-	-	-	丙二酸盐 Malonate (MNT)	+	+	-
葡萄糖发酵 Fermentation/ glucose (OFF)	-	-	-	乳酸盐产碱 L-Lactate alkalinisation(ILATk)	+	+	-

Continue Table 1

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	Strain	Strain	Strain		Strain	Strain	Strain
	EGC	RGC	SK1a		EGC	RGC	SK1a
磷酸酶 Phosphatase (PHOS)	+	+	+	琥珀酸盐产碱 Succinate alkalinisation (SUCT)	+	+	+
$\beta$ -葡萄糖苷酸酶 Beta-glucuronidase (BGUR)	-	-	-	$\alpha$ -半乳糖苷酶 Alpha-galactosidase (AGAL)	-	-	-
脂酶 Lipase (LIP)	+	+	+	$\beta$ -葡萄糖苷酶 Beta-glucosidase (BGLU)	+	+	(+)
$\alpha$ -葡萄糖苷酶 Alpha-glucosidase (AGLU)	-	-	-	COURMARATE Coumarate (CMT)	-	-	-
$\beta$ -木糖苷酶 Beta-xylosidase (BXYL)	-	-	-	O/129 耐受 O/129 Resistance (O129R)	-	-	-
$\beta$ -D-半乳糖苷酶 Beta-galactosidase (BGAL)	-	-	-				

注: a: SK1 菌株的结果来自 Abraham et al. (2016)

Note: a: The results of the strain SK1 was from Abraham et al. (2016)