

Table S1. A Physiological and biochemical test results and cell characteristics of strains 122, 124, 130, 132, 135, and 170.

Assay items	122	124	130	132	135	170	Assay items	122	124	130	132	135	170
Catalase	+	+	+	+	+	+	4 °C	-	-	-	-	-	-
V-P test	+	-	-	+	+	+	10 °C	-	+	-	-	+	-
D-glucose acid yield	+	+	+	+	+	+	30 °C	+	+	+	+	+	+
L-Arab sugar acid yield	+	-	+	+	-	+	40 °C	+	+	+	+	+	+
D-mannitol	+	-	+	+	+	+	50 °C	-	-	-	-/+	+	+
<a href="#">Xylose</a>	+	-	-	+	+	+	2% NaCl	+	+	+	+	+	+
Starch	+	+	-	+	+	+	5% NaCl	+	+	+	+	+	+
Phenylalanine deaminase	+	+	-	+	-	+	7% NaCl	+	+	+	+	+	+
Yolk phospholipase	+	+	+	+	-	-	10% NaCl	+	-	-	-/+	+	-
Nitrate reductase	+	-	+	-	+	-	Gram stain	+	+	+	+	+	+
Casein decomposition	-	-	+	+	+	+	Spore	+	+	+	+	+	+
Citrate utilization	-	+	-	+	+	+	Bacterial size (µm)	1.07 x 2.43	0.41 x 1.38	0.57 x 1.09	0.89 x 2.49	0.94 x 2.42	0.39 x 1.57
Broth (pH 5.0)	+	-	+	+	+	+	Bacterial shape	Rod	Rod	Rod	Rod	Slim rod	Rod

Note: +, 90% or more of strains positive; -, 90% or more of strains negative; -/+, not sure.