

Table S1. Phenotypic and physiological-biochemical features of isolated *Pseudomonas* spp.

Property	Strains						
	UOM 9	UOM 10	UOM 11	UOM 13	UOM 14	UOM 15	UOM 16
Gram nature / Form	- / rod-shaped	- / rod	- / rod	- / rod	- / rod-shaped	- / rod-shaped	- / rod
Colony morphology on MPA	creamy, round, shiny, smooth, slimy, white spot in the center	yellow-orange, round, shiny, smooth, with a dense center	cream with a pink tint, round, shiny, smooth, slimy, white spot in the center	white-yellow, round, shiny, smooth, cream-colored edges	white, round shiny, smooth, with a dense center, transparent edges	yellow (as they age – orange), round shiny, smooth, with a dense center, convex, blurry edges, uneven, transparent, rough	yellow-orange, round, shiny, smooth, with a dense center, a light shade along the edges
Temperature	4–37°C, optimum 20–28°C	8–41°C, optimum 26–28°C	4–30°C, optimum 22–26°C	4–37°C, optimum 28–30°C	4–35°C, optimum 26–30°C	20–40°C, optimum 26–28°C	18–30°C, optimum 23–25°C
Maximum NaCl, %	3	3	3	3	7	7	3
Flagellum	single polar	single polar	single polar	two polar	single polar	single polar	two polar
Fluorescence on King B medium	-	+	-	-	+	-	+
Katalase / Oxidase	+ / +	+ / +	+ / +	+ / +	+ / +	+ / +	+ / -
Agrinine dihydrolase	-	+	-	+	+	-	-
Production of:							
H ₂ S	-	-	-	-	+	-	+
Indole	-	-	-	-	-	-	-
Nitrates reduction	+	+	+	-	-	+	-
Oxidation of:							
D-sorbitol	+	-	-	+	+	+	-
myo-inositol	-	-	+	-	+	-	+
Sucrose	+	-	+	-	-	-	+
L-alanine	+	-	+	-	+	+	-
L-serine	+	+	+	-	+	-	+
L-histidine	+	-	+	+	+	-	-
Assimilation of:							
D-Maltose	+	-	-	+	+	+	-
Citrate	-	+	+	+	-	-	+
D-glucose	+	-	+	-	+	+	+