

Supplementary file

Enzyme Profiling and Identification of Endophytic and Rhizospheric Bacteria Isolated from *Arthrocnemum macrostachyum*

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Table S1. Microscopic characteristics of all the endophytic and rhizospheric isolates.

Isolates	Gram Reaction	Shape	Arrangement
TKE1	Gram positive	rods	chain
TKE2	Gram positive	rods	scattered
TKE3	Gram positive	rods	scattered
TKE4	Gram positive	rods	scattered
TKR2	Gram positive	rods	chain
TKR3	Gram positive	rods	scattered
TKR4	Gram positive	rods	chain
TKR5	Gram positive	rods	chain
TKR6	Gram positive	rods	scattered
TKR7	Gram positive	rods	scattered
TKR8	Gram positive	rods	scattered

Table S2. Biochemical characteristics of the isolates. The isolates were grown in suitable Media and the tests were performed according to the Bergey's Manual of Bacteriology.

Isolates	Lactose	Fructose	Maltose	Glucose	Mannose	Sucrose	Catalase	Oxidase	Methyl Red Test	Voges Prauskeury	Citrate Utilization	Starch Hydrolysis	Growth in presence of 10%NaCl
TKE1	+	+	+	+	-	+	+	-	+	+	+	+	+
TKE2	-	+	+	+	-	-	+	-	-	+	+	+	+
TKE3	+	-	+	+	+	+	+	+	+	+	+	-	-
TKE4	+	+	-	+	+	+	+	+	+	+	+	+	+
TKR2	+	+	+	+	-	+	-	+	-	+	+	+	+
TKR3	+	+	+	+	+	-	+	-	-	+	+	+	-
TKR4	+	+	+	+	-	-	+	+	-	+	+	+	-
TKR5	-	+	+	+	+	+	+	+	-	+	+	+	-
TKR6	-	+	-	+	-	-	+	-	-	+	+	+	-
TKR7	+	-	+	+	+	+	+	-	-	+	+	+	-
TKR8	-	+	-	+	-	+	+	-	-	+	+	+	+