

Supplementary Table S1. PGP properties, enzymatic activities and the maximum tolerable concentration of heavy metals of the bacterial strains [19].

PGP properties	N4	N8	N10	N12
Phosphate solubilization	11	12	15	14
Siderophore production	73	44	13	10.2
IAA production	1.562	17.939	1.266	1.000
Biofilm formation	1.826	1.104	0.476	0.308
ACC deaminase activity	9.677	9.987	–	–
N fixation	+	+	+	+
Enzymatic activities				
DNase	–	–	+	+
Amylase	–	–	–	–
Cellulase	–	+	+	+
Lipase	–	–	–	–
Pectinase	–	–	–	–
Protease	+	+	–	–
Chitinase	–	–	–	–
Maximum Tolerable Concentration				
Cd	0.7	0.4	0.4	0.1
As	1	2.5	1.9	1.8
Cu	0.4	0.4	1.4	2.5
Zn	0.1	–	1.8	1.4

“+”: presence of the activity; “–”: absence of the activity; “nd”: no determined. Values of phosphate solubilization and siderophores production express the diameter of the halo in mm. Values of IAA production are expressed in mg·L⁻¹. Values of ACC deaminase activity are expressed in μmoles α-ketobutyrate·mg protein⁻¹·h⁻¹). Values of maximum tolerable concentration of heavy metals are expressed in mM. N4: *Pseudomonas* sp. N4, N8: *Pseudomonas* sp. N8, N10: *Ensifer* sp. N10, and N12: *Ensifer* sp. N12.

