Biochemical Analysis	
Cell Morphology	Round/ Yellowish
Gram Test	Purple Round
ONPG	-
CIT	-
MALO	-
LDC	-
ADH	-
ODC	-
H2S	-
URE	-
TDA	+
IND	-
VP	-
GEL	-
GLU	+
MAL	+
SUC	+
MAN	+
ARA	-
RHA	-
SOR	-
INO	-
ADON	-
MEL	-
RAF	-

Supplementary table1: Morphological and Biochemical Characterization and Plant growth promotion activities of K. rhizophila Isolated from Oxalis corniculata (Mufti et al., 2015). 14asp = *Kocuria rhizophila*, Microbial identification kits (Qts-24, DEStO laboratory and Karachi) were used for biochemical tests for performing these tests 24 h old isolated cultures were used and results were noted after 18 h of incubation at 30ºC, ONPG = orhto nitro phenyl β-D-galactopyranoside; CIT = sodium citrate; MALO = sodium malonate; LDC = Lysine decarboxylase; ADH = Arginine dihydrolase; ODC = orthinine decarboxylase; H2S = H2S production; URE = urea hydrolysis;TDA = tryptophan deaminase; Indole; VP = (vogesproskauer) = Acetion; GELl = Gelatin hydrolysis; GLU = Acid from glucose; MAL = Acid from maltose; SuC = Acid from sucrose; MAN = Acid from mannitol; ARA = Acid from arabainose; RHA = Acid from Rhamnose; SOR = Acid from sorbitol;INO = Acid from inositol; ADO = Acid from adonitol; MEL = Acid from Melibiose; RAE = Acid from raffinose

PGP Activities	Activity	Reference
Phosphate solubilization	+	Afridi et al., 2019
IAA	+	
HCN	-	
NH3	+	
Catalase	+	
Siderophore	-	
Acc deaminase	+	

Supplementery table 2: Plant growth promoting assays of *K. rhizophila*

Plate Number	Drugs	Labeled concentration	Zone of inhibition in mm	Zone Diameter interpretation		
				Resistant	Intermediate	Susceptible
1)	Ampicillin	10 µg	9mm	+	-	-
	Clindamycin	2 µg	15mm	-	+	-
	Chloramphenicol	30µg	22mm	-	-	+
2)	Tetracycline	30 µg	20 mm	-	-	+
	Cephalexin	30 µg	11 mm	+	-	-
	Kanamycin	30 µg	16 mm	-	+	-
3)	Lincomycin	15 µg	18 mm	-	-	+
	Streptomycin	10 µg	15 mm	-	+	-
	Fosfomycin	50 µg	13 mm	+	-	-
4)	Erythromycin	15 µg	26 mm	-	-	+
	Gentamycin	10 µg	17 mm	-	-	+
	Penicillin G	1unit	0 mm	+	-	-
5)	Spectinomycin	25 µg	15 mm	-	+	-
	Neomycin	10 µg	13 mm	+	-	-
	Rifampicin	5 µg	11 mm	+	-	-

Supplementary Table 3: **Testing susceptibility of 15 selected antibiotics disc against *Koccuria rhizophila* 14asp.**

***Resistant:** 13 mm or less ***Intermediate:** 14-16mm ***Susceptible:** 17mm or more