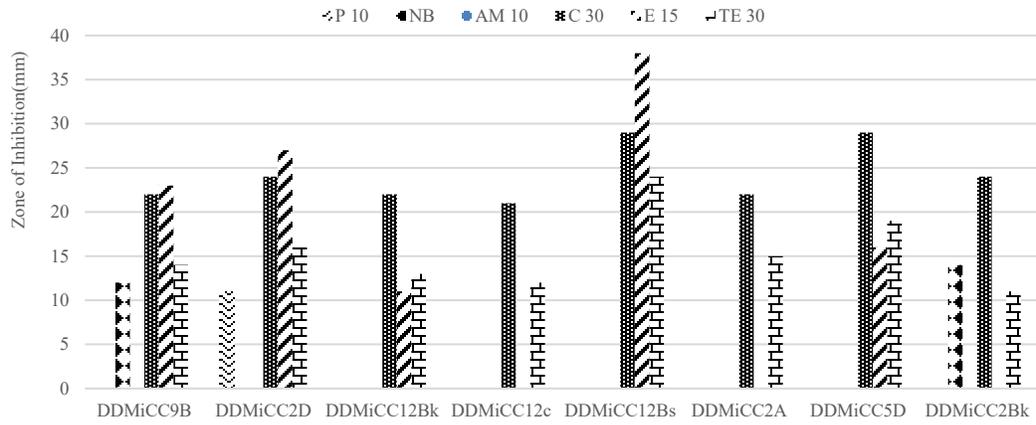**Table S1**

Minimum inhibitory concentration of the studied strains CFS against indicator bacteria (μg/ml**)**

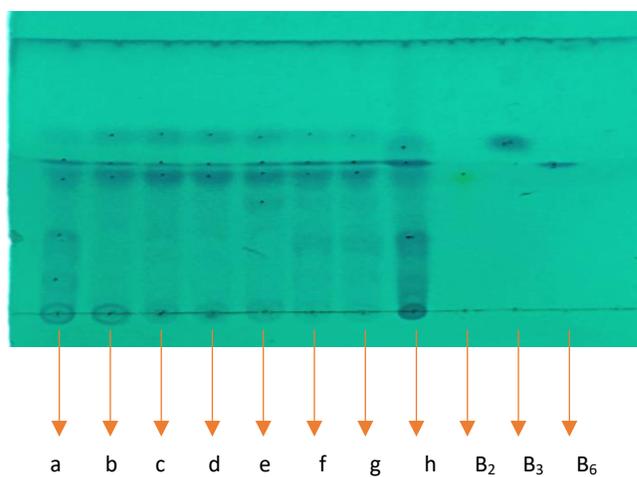| Strains Indicators of Bacteria	SUBCC2	SUBCC4	SUBCC57	SUBCC156	DDMiCC12c	DDMiCC2D	DDMiCC2Bk
P. aeruginosa	0.1	0.25	0	0.2	0	0	0
K. pneumoniae	0	0	0.1	0	0	0	1
B. subtilis	0	0	0	0	0.2	0.2	0.1
E. coli	0	0	0	0	0.2	0.2	0

Figure S1. Antibiogram monitored antimicrobial susceptibility profiles of bacterial isolates using standard disk diffusion methods. The bacterial isolates are labeled on the x-axis. Data are summarized from eight isolates collected from the intestinal microbiome of *Adesmia cancellata*.

Figure S2

Figure S1. The assay vitamin production by TLC method. Points "a" to "h" are loading site of SUBCC2, SUBCC4, DDMiCC12c, DDMiCC2D, DDMiCC2Bk, SUBCC156, SUBCC156, and SUBCC57 respectively