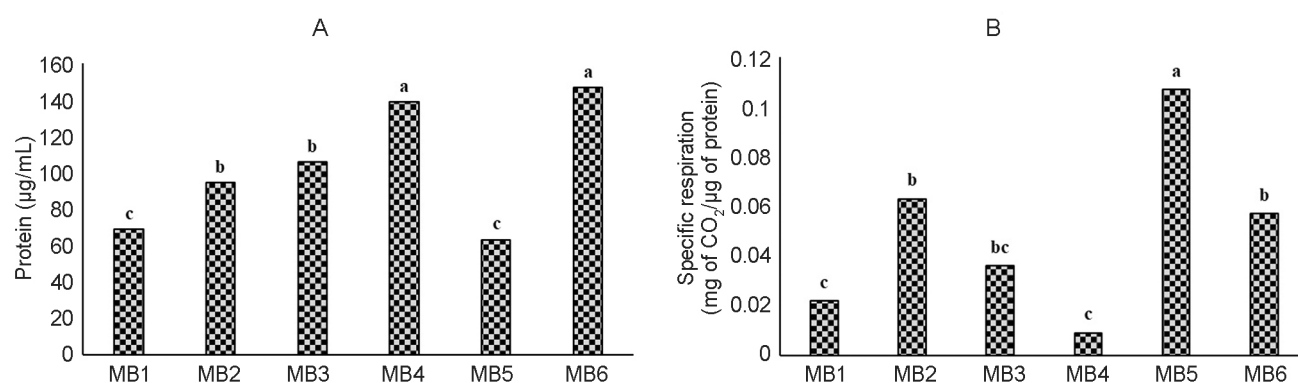
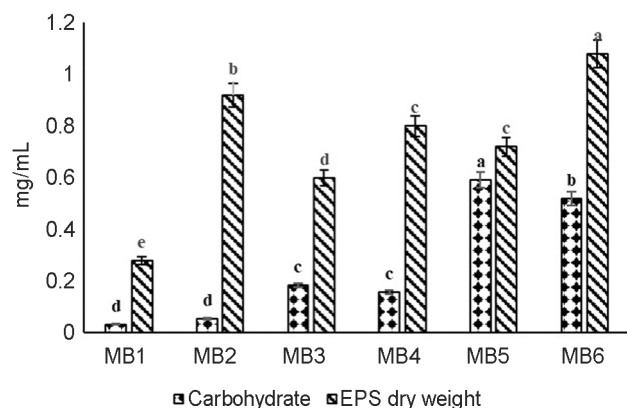


Supplementary Table 1 Taxonomic identification of selected methylotrophic bacteria isolated from rice-rhizosphere

Isolate	Assigned bacterial strain name	Fragment Length (bp)	Closest species	Accession number of the Closest species	Similarity	NCBI deposit number
Isolate 1	<i>Bacillus rugosus</i> strain MB1	1426bp	<i>Bacillus rugosus</i> strain SPB7	MT554518	100%	PP916631
Isolate 2	<i>Bacillus subtilis</i> strain MB2	1418bp	<i>Bacillus subtilis</i> strain ZIM3	MT539995	100%	PP916632
Isolate 3	<i>Priestia aryabhatai</i> strain MB3	1424bp	<i>Priestia aryabhatai</i> strain TCV	OM992226	99%	PP916633
Isolate 4	<i>Rhizobium pusense</i> strain MB4	1352bp	<i>Rhizobium pusense</i> strain CDBB B-585	ON704972	99.56%	PP919709
Isolate 5	<i>Priestia megaterium</i> strain MB5	1442bp	<i>Priestia megaterium</i> strain NEPZ-22	MT184834	100%	PP916634
Isolate 6	<i>Sphingobium</i> spp. strain MB6	1373bp	<i>Sphingobium</i> sp. strain A3K050	MN989137	99.64%	PP916636



Supplementary Fig. 1 Protein content (A) and Specific respiration (B) of six selected methylotrophic bacterial isolates. MB1-*Bacillus rugosus* strain MB1, MB2-*Bacillus subtilis* strain MB2, MB3-*Priestia aryabhatai* strain MB3, MB4-*Rhizobium pusense* strain MB4, MB5-*Priestia megaterium* strain MB5, MB6-*Sphingobium* sp strain MB6. Values are mean of 3 replications.



Supplementary Fig. 2 Exopolysaccharide (EPS) carbohydrate concentration and dry weight of six selected methylotrophic bacterial isolates. MB1-*Bacillus rugosus* strain MB1, MB2-*Bacillus subtilis* strain MB2, MB3-*Priestia aryabhatai* strain MB3, MB4-*Rhizobium pusense* strain MB4, MB5-*Priestia megaterium* strain MB5, MB6-*Sphingobium* sp strain MB6. Values are mean of 3 replications.