

### Supplementary file

**Fig. 3.** *In-vitro* assay of plant growth promoting traits of *Bacillus* sp. LBF-1. (A) Amylase activity after 48 h incubation (B) Protease activity after 48 h incubation; (C) Cellulase activity after 48 h incubation (D) Phosphate-solubilizing activity on NBIRP agar medium after 96 h incubation; (E) Siderophore production on CAS-blue agar after 5 days; (F) xylanase activity after 48 h incubation; (G) IAA production in Luria-Bertani broth medium amended with 0.1 mM tryptophan and (H). Ammonia (NH<sub>3</sub>) production in NB broth; (I) Chitinase activity after 48 h incubation. Here, the halo zones in the assay plates show the hydrolytic zones.

