

Supplementary Material

***Trichoderma reesei* FS10-C enhances phytoremediation by *Sedum plumbizincicola* for Cd-contaminated soils and associated soil microbial activities**

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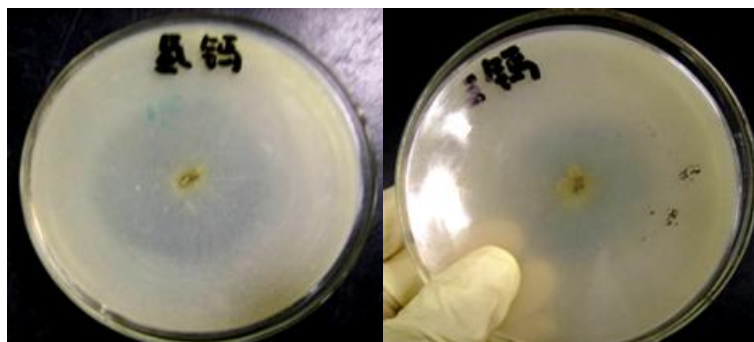
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Supplementary Figures S1 and S2

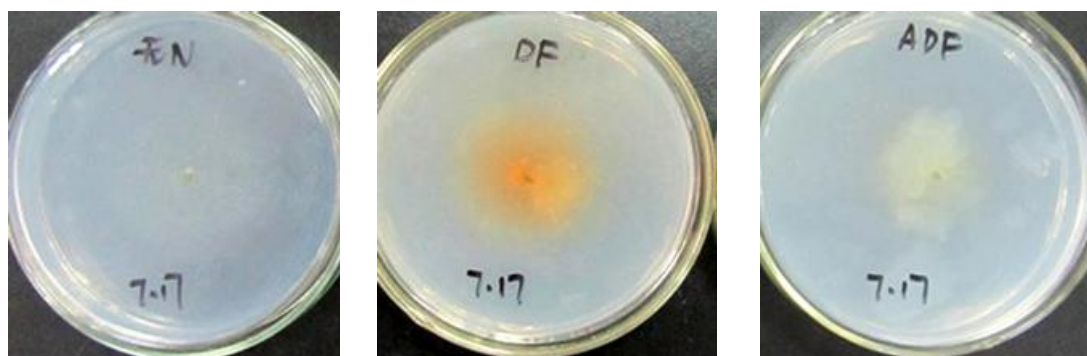
Supplementary Figures



(a) The plate with CaHPO_4

(b) The plate with $\text{Ca}_3(\text{PO}_4)_2$

Fig. S1 Inorganic phosphate solubilization ability of *T. reesei* FS10-C. The circles of dissolved P were 54.2 ± 0.3 mm (a) and 45.2 ± 0.2 mm (b).



(a) Nitrogen free medium

(b) DF medium

(c) ADF medium

Fig. S2 ACC deaminase production ability of *T. reesei* FS10-C. The DF medium (pH 7.5) was composed of $4.0 \text{ g L}^{-1} \text{ KH}_2\text{PO}_4$, $6.0 \text{ g L}^{-1} \text{ Na}_2\text{HPO}_4$, $0.2 \text{ g L}^{-1} \text{ MgSO}_4 \cdot 7\text{H}_2\text{O}$, $2.0 \text{ g L}^{-1} \text{ glucose}$, $2.0 \text{ g L}^{-1} \text{ gluconic acid}$, $2.0 \text{ g L}^{-1} \text{ citric acid}$, $2.0 \text{ g L}^{-1} (\text{NH}_4)_2\text{SO}_4$, $0.1 \text{ mL FeSO}_4 \cdot 7\text{H}_2\text{O}$, $0.1 \text{ mL microelement solution}$ and $18 \text{ g L}^{-1} \text{ agar}$. The ADF medium was prepared using $3.0 \text{ mmol L}^{-1} \text{ ACC}$ to replace $2.0 \text{ g L}^{-1} (\text{NH}_4)_2\text{SO}_4$. The DF medium without the addition of $(\text{NH}_4)_2\text{SO}_4$ was used as the nitrogen free medium.