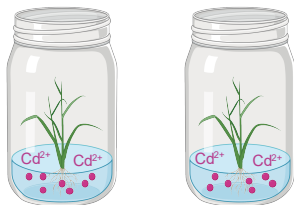


## CADMIUM STRESS IN RICE



Low Cd-accumulating  
rice cultivar 728B

High Cd-accumulating  
rice cultivar BB

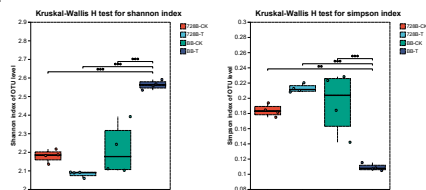
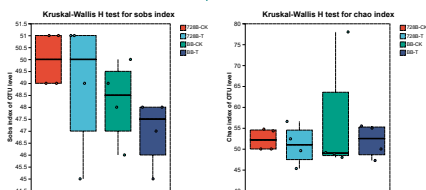
## FUTURE ENVIRONMENTAL APPLICATION



Safer rice production



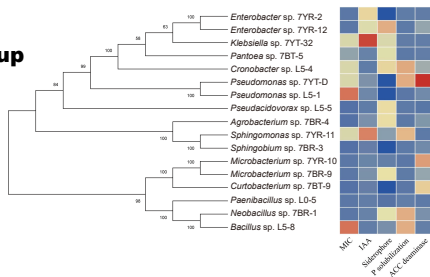
Reduced environment and  
food safety risk



**SKMPC**

**Top-down**

**Bottom-up**



## KEY EFFECTS

Reduced Cd  
accumulation  
in rice

Enhanced  
antioxidant  
defense

Superior  
Cd removal  
efficiency

