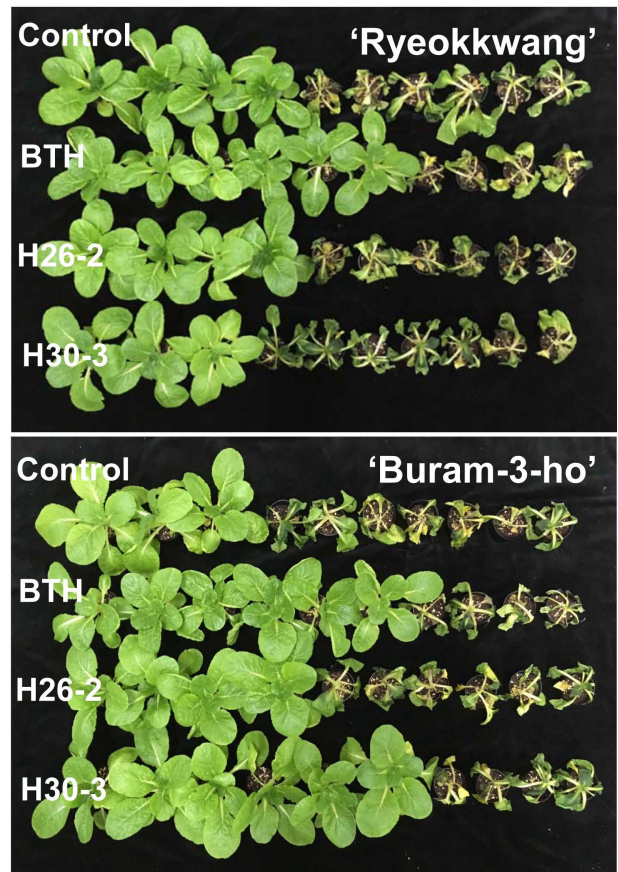
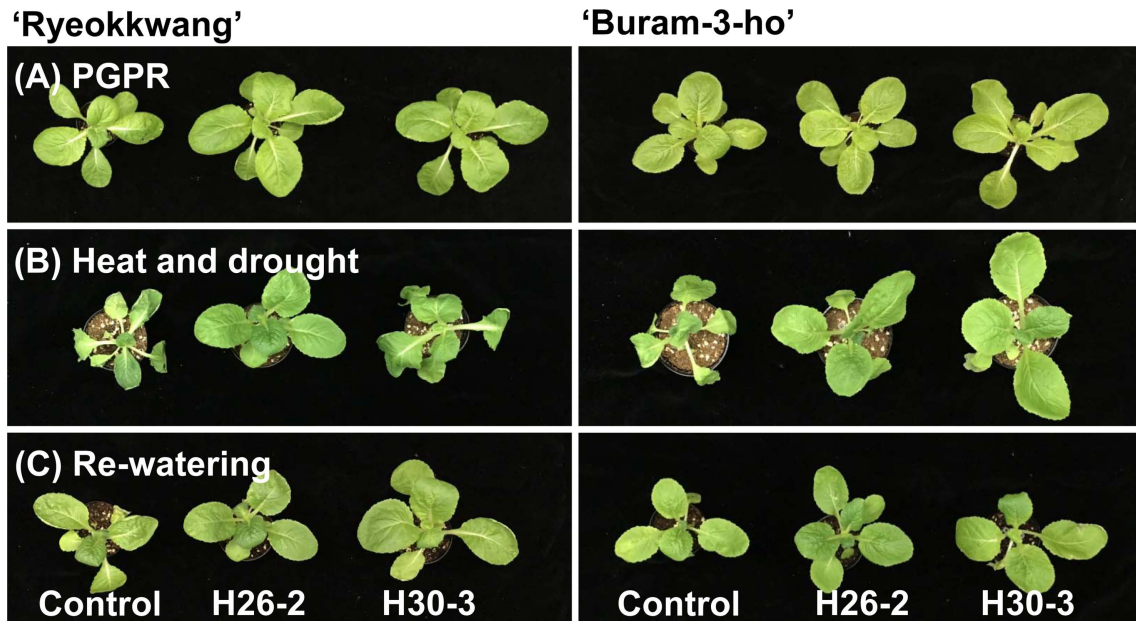


**Supplementary Fig. 1.** Leaf wilting score (0-5) after heat and drought stress in Chinese cabbage ('Buram-3-ho') treated with 46 strains.



**Supplementary Fig. 3.** Soft rot caused by *Pectobacterium carotovorum* subsp. *carotovorum* PCC21 in Chinese cabbages treated with strains H26-2 and H30-3, and 10 mM MgSO<sub>4</sub> solution as untreated control.



**Supplementary Fig. 2.** Pictures of two cultivars of Chinese cabbages treated with strains H26-2 and H30-3, and 10 mM MgSO<sub>4</sub> solution as untreated control. (A) Plant growth promotion, (B) heat and drought stresses, and (C) after re-watering of Chinese cabbages.