

Table S1. PCR Primer sequences.

Gene	Sequences (5' to 3')
<i>ech42 forward</i>	TATCTAGACGTGCCACTCCTCGTATGGAGG
<i>ech42 reverse</i>	CCCCCGGGGGAGAGGCTGTTCTTGAT

Table S2. Bacterial and fungal strains used in this study.

Strain	Source
<i>Bacillus amyloliquefaciens</i>	Tomato Research Institute, Northeast Agricultural University
<i>Clonostachys rosea</i>	Tomato Research Institute, Northeast Agricultural University
<i>E. coli DH5α</i>	Tomato Research Institute, Northeast Agricultural University
<i>Botrytis cinerea</i>	Tomato Research Institute, Northeast Agricultural University
<i>Colletotrichum coccodes</i>	Tomato Research Institute, Northeast Agricultural University
<i>Pythium aphanidermatum</i>	Tomato Research Institute, Northeast Agricultural University
<i>Sclerotinia sclerotiorum</i>	Tomato Research Institute, Northeast Agricultural University
<i>Fusarium oxysporum</i>	Tomato Research Institute, Northeast Agricultural University
<i>Fusarium verticillioide</i>	Tomato Research Institute, Northeast Agricultural University

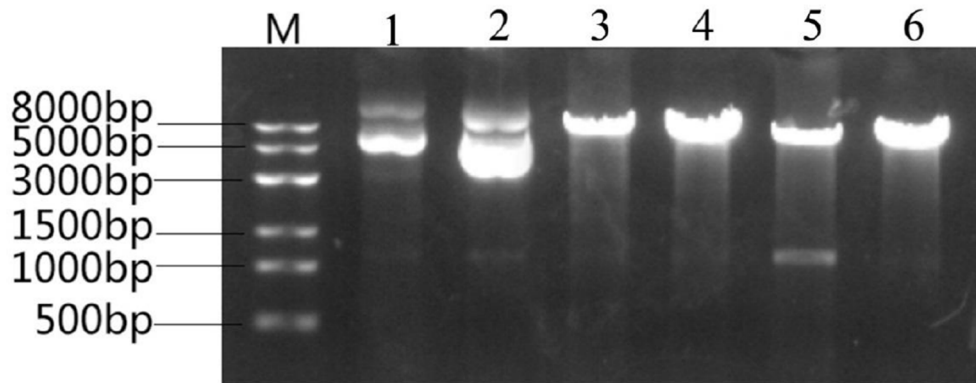


Figure S1. Construction and verification of vector pHT43-ech42 by single/double digestion. Lanes: M: Markers of molecular weight; 1. plasmid pHT43-ech42 without digestion; 2. plasmid pHT43. without digestion; 3. plasmid pHT43-ech42 digested with XbaI; 4. plasmid pHT43

digested with XbaI; 5. plasmid pHT43-ech42 digested with XbaI and SmaI; 6. plasmid pHT43 digested with XbaI and SmaI.

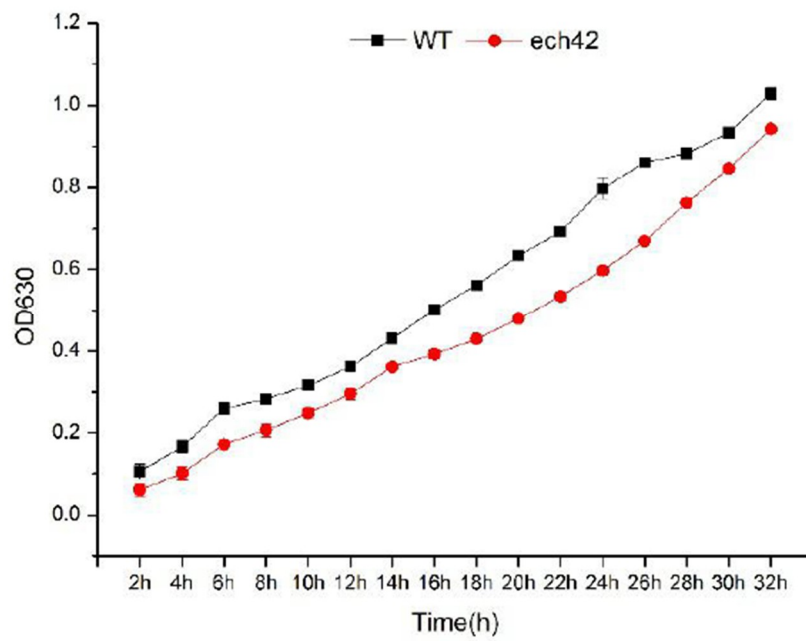


Figure S2. Growth curves of wild type *B. amyloliquefaciens* and *B. amyloliquefaciens*-ech42.