



**Supplementary Fig. 2.** Typical symptoms at various stages of apple canker caused by *Pseudomonas syringae* pv. *syringae* (*Pss*). (A) The whole plant showing leaves on the branches. (B) Leaves on the branches start yellowing. (C) The early stage of yellowing of leaves occurs during the fruit formation stage. (D) In the advanced stage, blight occurs in addition to leaf yellowing. (E) Under severe conditions, leaves completely wither and shed from the plant, and stems start showing cracking symptoms.