



**FIGURE S1** Isolation of *C. orbiculare* mutant deficient in fatty acid metabolism. (A) Colonies of the wild-type (WT) and Hi2049 mutant strain grown on PDA and (OAM, for 5 or 12 days, respectively. (B) Pathogenicity of the *C. orbiculare* wild-type strain and the Hi2049 mutant strain on detached cucumber cotyledons. Leaves were inoculated with droplets of conidial suspension and incubated for 7 days. The right half of the leaves was intact while the left half was wounded by toothpick scratching.