



Fig. S3 $\Delta KatG2$ mutants showed normal vegetative growth and reproductive development *in vitro*. (A) Wild-type (PH-1), $\Delta KatG2$ mutant (M1, M2, and M3) and complemented strains (C1 and C2) were cultured on synthetic nutrient-poor agar (SNA) plates. Photographs were taken four days post inoculation (dpi). The colony areas of PH-1, $\Delta KatG2$ mutants and complemented strains were examined each day. (B) Perithecium growth on carrot agar plates, ascospore discharge and morphology of ascospores of wild-type (PH-1) and $\Delta KatG2$ mutant (M1) strains. Scale bar=10 μm .