



Fig. S4 Verification of *Bdo_02540* GD *B. dothidea* HTLW03 transformants

The *Bdo_02540* GD transformant ($\Delta Bdo_02540-1$) was analyzed with four PCR amplifications and a Southern blot. **a** $\Delta Bdo_02540-1$ had the correct upstream and downstream fragments, lacked the ORF fragment, and had a longer whole-length fragment than the WT control. **b** Southern blot analysis of the *hph* insertion loci.