Table S1. PCR primers used in this study

Primer	Sequence (5′-3′)	Relevant characteristics
P1	CGAGATCGCCAGGTCACGTG	PCR primers to amplify *BdATG1* upstream fragment for construction of the *BdATG1* deletion fragment
P2	CAAAATAGGCATTGATGTGTTGACCTCCGTGCGACGGGTGTGTTGGAG	
P3	CTCGTCCGAGGGCAAAGGAATAGAGTAGCAGTTCAACCATGGCTCGTC	PCR primers to amplify *BdATG1* downstream fragment for construction of the *BdATG1* deletion fragment
P4	CGATCTTCCAGCACTCCGAG	
P5	GCAGAGCGCTCGTATGTG	PCR primers to amplify the *BdATG1* deletion fragment for generation of the *BdATG1* deletion mutants
P6	GCTGCAGGGTAACTAACTC	
P7	CCATCAACCTCGTCGCTGC	PCR primers for identification of *BdATG1* deletion mutants
P8	CCGTACCATGAACTGATGC	
Probe-F	GACAGGCAGACGTGCAGAC	PCR primers to amplify the *BdATG1* upstream fragment used as the probe for Southern blotting analysis
Probe-R	GGCAGTGATGTGGGACATG	
ATG1-GFP-F	ACTCACTATAGGGCGAATTGGGTACTCAAATTGGTTCGAACCGGTGATCTGAAC	PCR primers to amplify the native promoter and open reading frame of *BdATG1* to construct BdATG1-GFP fusion vector
ATG1-GFP-R	CACCACCCCGGTGAACAGCTCCTCGCCCTTGCTCACGCGAGGCGATGCGTTGGC	
ATG1-ID-F	CGTATGCTTGAGGCAATC	PCR primers for PYF11-BdATG1-GFP vector identification
GFP-ID-R	GTGCTGCTTCATGTGGTC	
H1-GFP-F	ACTCACTATAGGGCGAATTGGGTACTCAAATTGGTTGACAACACTCGATCAAGTC	PCR primers to amplify the native promoter and open reading frame of *BdH1* to construct BdH1-GFP fusion vector
H1-GFP-R	CACCACCCCGGTGAACAGCTCCTCGCCCTTGCTCAGCCTTGGCCTCGGCCTC	
H1-ID-F	CTGCTGTACGTTTAGACG	PCR primers for PYF11-BdH1-GFP vector identification
GFP-ID-R	GGCATGGCGGACTTGAAG	

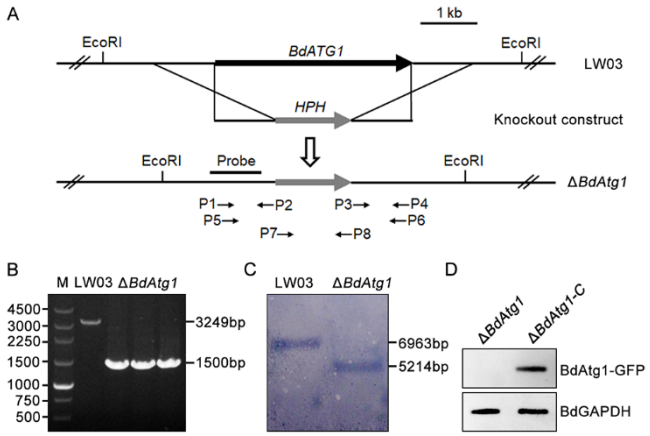

Figure S1: Target deletion of *BdATG1* in *B. dothidea*

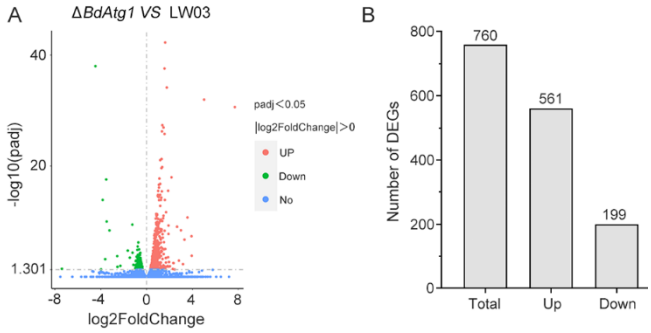

Figure S2: Differentially expressed genes (DEGs) of transcriptome sequencing