Table S1. Primers used in this study.

Primers	Sequence (5′-3′)	Remarks
MaSom1-F	ATTTCCCCTAAGTACTTCTAGAATGGCCATGAACCCGAATAT	Used to clone the DNA fragment encompassing the *MaSom1* open reading frame
MaSom1-R	TTGCTCACCATGGATCCGTCGGCACCAATCGGGTCGC	
MaSom1-QF	TGGTAATGGCACTGTTAA	Used for detecting the expression level of *MaSom1* gene
MaSom1-QR	TCTGAGGATTATTCTGGTTAT	
Gapdh-QF	AGATGGAGGAGTTGGTGTTG	Used for detecting the expression level of internal control gene
Gapdh-QR	GACTGCCCGCATTGAGAAG	
ITS-F	TGGCATCTTCTGAGTGGTG	Used for measuring the concentration of fungal genomic DNA of hyphal bodies
ITS-R	CCCGTTGCGAGTGAGTTA	
MaSom1-RF	GCTGGCCGCCCATGGGATACAATGGCAACAGGGTCCTA	Used for screening the *MaSom1*-overexpression transformants
EGFP-VR	CCATCACCAGAATCCAACAC	
PgpdA-VF	TCTCCGAAGTAGGTAGAGC	Used for screening the empty transformant
sur-PF	CCTGAAATGTTGTGCTGTC	Used for Southern blot probe1 amplification
sur-PR	CGAGATTATGCCCAAGAAC	

MaUve1-QF	TAACAACGCACGAGATAT	
MaUve1-QR	AGGCTATAACCATACTCTG	Used for detecting the expression level of *MaUve1* gene
MaUbi1-QF	CAAGAAGAAGGTCTACACTACTC	
MaUbi1-QR	AATGTTGCCGTCCTTGTC	Used for detecting the expression level of *MaUbi1* gene
MaSsb1-QF	CTCTCGGTGTCGCTATGG	
MaSsb1-QR	TCGGCAACAGTGGTGAAG	Used for detecting the expression level of *MaSsb1* gene
MaNTH1-QF	TGTTGGCTGGCACTGAGAA	
MaNTH1-QR	ACCAGTCCAAGCAAGCATCT	Used for detecting the expression level of *MaNTH1* gene
MaMpl1-QF	GCTGTCTCTACCGCCTTTGT	
MaMpl1-QR	CTACTGCTTGACCTTCTCCTTGAC	Used for detecting the expression level of *MaMpl1* gene
MaMad2-QF	GCACTATGTCCATCCTTG	
MaMad2-QR	TGATGAGGGTCTTGATTTG	Used for detecting the expression level of *MaMad2* gene