



Figure S1. The expression patterns of three defense-related genes involved in jasmonic acid (JA)-dependent pathway before blast infection (CK) and at 48 h after infection with *M. oryzae*.

Table S1. Primers used for vector construction and Quantitative RT-PCR.

Gene	Forward primer (5'-3')	Reverse primer (5'-3')
GF14f-OE	ACAAGGTCAGACTAAGTTTGCG	TGACATACGCAGCCCTAATCTT
LOX1	GGTGCAGCACCATCGAGCAG	TACGTGTCCTGCTTCATCGTCC
LOX11	CGACCAAGAACAGACGACCGA	TGCCATCCATGTGCGAGTACCT
AOS2	CAATACGTGTACTGGTCTGAATGG	AAGGTGTCTGTACCGGAGGAA
PR10	CCCTGCCGAATACGCCTAA	CTCAAACGCCACGAGAATTTG
NH1	CACGCCTAAGCCTCGGATTA	TCAGTGAGCAGCATCCTGACTAG
PAL1	AGCACATCTTGGAGGGAAGCT	GCGCGGATAACCTCAATTTG
PR1a	CGTCTTCATCACCTGCAACTACTC	CATGCATAAACACGTAGCATAGCA
GF14f	ACAAGGTCAGACTAAGTTTGCGTT	GAATTCGACCATTTCTCGTAAC
EF1 α	TTTCACTCTTGGTGTGAAGCAGAT	GACTTCCTTCACGATTTTCATCGTAA

Table S2. Characteristic fragment ions of the SA standard and its optimized MS/MS conditions.

Analyte	ESI mode	Transition1			Transition2		
		Quantitative ion	Collision energy/ev	Declustering potential/ev	Quantitative ion	Collision energy/ev	Declustering potential/ev
SA	ESI-	136.9>65.0	-40	-40	136.9>92.8	-32	-40