



Figure S1. A schematic diagram of the operation process of inoculation with *Rhizoctonia solani* sclerotinia. a. Cutting holes at the bottom of the 96-well plate; b. Hydroponics after rice seeds sowing; c. The culture of *R. solani* sclerotinia; d. Inoculation of *R. solani* sclerotinia; e. Covered with plastic wraps to keep high relative humidity.

Table A1. Primer information for qRT-PCR assay.

Gene ID	Gene Name	Primer Name	Primer Sequence
Os05g0427400	OsPAL7	<i>q-PAL7-F</i>	ATCGACATCCTCAAGCTCATG
		<i>q-PAL7-R</i>	AGTTGGTGCTCAGCGTCTTCT
Os08g0508800	OsHI-LOX	<i>q-HI-LOX-F</i>	CAAAGCCAACCCAAGCCAAG
		<i>q-HI-LOX-R</i>	ATGGATTGAGCTGAGGACGC
Os02g0194700	OsLOX1	<i>q-LOX1-F</i>	AGGAGAAGGAGACGGTGAG
		<i>q-LOX1-R</i>	GATCTCCTTGACGAACATCTCG
Os12g0569500	OsOSM1	<i>q-OSM1-F</i>	CCGACAACCTAGCTAGCCTA
		<i>q-OSM1-R</i>	CGCACGTACAAACATAAGG
Os03g0225900	OsAOS2	<i>q-AOS2-F</i>	TGCCACAACCTGCTGTTCGC
		<i>q-AOS2-R</i>	TGGTAGCCGAACAGCATCTC
Os02g0580300	OsGF14e	<i>q-GF14e-F</i>	GATATTGCCCTGGCAGAGTTG
		<i>q-GF14e-R</i>	GAGATATCGGAAGTCCACAGC

<i>Os12g0175400</i>	<i>Osmyb2</i>	<i>q-myb2-F</i>	GGGCTGAAACGCACAGGCAAGA
		<i>q-myb2-R</i>	CTGCTTGGCGTGCTTCTGC
<i>Os04g0398000</i>	<i>OsRap2.6</i>	<i>q-Rap2.6-F</i>	CAGCAGGCTTCTTCCTTCTACC
		<i>q-Rap2.6-R</i>	CTTCTTCGGGTCCCTTATCTCC
<i>Os11g0490900</i>	<i>OsWRKY72</i>	<i>q-WRKY72-F</i>	CAAGGGTGCAACGTGAAGAA
		<i>q-WRKY72-R</i>	ATTTCTCGATGGGGTGCGTG
<i>Os03g0693900</i>	<i>OsOXO3</i>	<i>q-OXO3-F</i>	TGTCCTTCAACAGCCAGAAC
		<i>q-OXO3-R</i>	TCAACTACACCAGCATCCAC
<i>Os03g0234200</i>	<i>Ubq</i> (reference gene)	<i>q-UBQ-F</i>	AACCAGCTGAGGCCCAAGA
		<i>q-UBQ-R</i>	ACGATTGATTAAACCAGTCCATGA
