

Table S1 The *RBOH* genes ID of eggplant, tomato, rice and Arabidopsis

<i>Solanum melongena</i>		<i>Solanum lycopersicum</i> [8]		<i>Oryza sativa</i> [7]		<i>Arabidopsis thaliana</i> [7]	
Gene name	Gene ID	Gene name	Gene ID	Gene name	Gene ID	Gene name	Gene ID
<i>SmRBOHA</i>	Smechr0802427	<i>SIRBOH1</i>	Solyc06g068680	<i>OsRBOHA</i>	Os01g0734200	<i>AtRBOHA</i>	At5g07390
<i>SmRBOHB</i>	Smechr0101010	<i>SIRBOH2</i>	Solyc03g117980	<i>OsRBOHB</i>	Os01g0360200	<i>AtRBOHB</i>	At1g09090
<i>SmRBOHC</i>	Smechr0303236	<i>SIRBOH3</i>	Solyc01g099620	<i>OsRBOHC</i>	Os05g0528000	<i>AtRBOHC</i>	At5g51060
<i>SmRBOHD</i>	Smechr0602302	<i>SIRBOH4</i>	Solyc05g025680	<i>OsRBOHD</i>	Os05g0465800	<i>AtRBOHD</i>	At5g47910
<i>SmRBOHE1</i>	Smechr0500887	<i>SIRBOH5</i>	Solyc07g042460	<i>OsRBOHE</i>	Os01g0835500	<i>AtRBOHE</i>	At1g19230
<i>SmRBOHE2</i>	Smechr0701288	<i>SIRBOH6</i>	Solyc06g075570	<i>OsRBOHF</i>	Os08g0453700	<i>AtRBOHF</i>	At1g64060
<i>SmRBOHH1</i>	Smechr0602858	<i>SIRBOH7</i>	Solyc11g072800	<i>OsRBOHG</i>	Os09g0438000	<i>AtRBOHG</i>	At4g25090
<i>SmRBOHH2</i>	Smechr1201509			<i>OsRBOHH</i>	Os12g0541300	<i>AtRBOHH</i>	At5g60010
				<i>OsRBOHI</i>	Os11g0537400	<i>AtRBOHI</i>	At4g11230
						<i>AtRBOHJ</i>	At3g45810

Table S3 The primer of *SmRBOHs*-qPCR

Gene name	Forward primer (5'-3')	Reverse primer (5'-3')
<i>SmRBOHA</i> -qPCR	TTCCGTCAGTTTTACAGGA	GAAAAACGACGTCGGAGAAA
<i>SmRBOHB</i> -qPCR	TAAGTCTGGTGCTGCTCGTG	AACCGCAAGTTCATCGAATC
<i>SmRBOHC</i> -qPCR	TAATCACTCGCACCACCATC	TTTTCCGCCTCGTTTGTT
<i>SmRBOHD</i> -qPCR	CACAAGATTCAAAAGCCGTGT	CTAGTTTTGCCGGTCTTTGC
<i>SmRBOHE1</i> -qPCR	CCTTCATACTGGCAACACGA	GACCAATGCGAGAAGGTGAT
<i>SmRBOHE2</i> -qPCR	TGCCGATTTTCCTCAATGAT	GTGATGGTGTTGGTGCTACG
<i>SmRBOHH1</i> -qPCR	GTACGACCGATGTCCAGGAT	GTGCAACGCCATTTCTTCTT
<i>SmRBOHH2</i> -qPCR	ATCTCACCCAATTCGGTCCT	GGTGAGAATGAAATGGGAACA
<i>SmActin</i> -qPCR	CACTTAGCACCTTCCAGCAGATGT	GTACAACAGCAGACCTGAGTTCCT

Table S4 The primer of *SmRBOHs*

Gene name	Forward primer (5'-3')	Reverse primer (5'-3')
<i>SmRBOHB</i>	ATGGAGATCGAAAACACAAGGG	TTAAAAATTTTCTTTATGAAATTCAAACCTT
<i>SmRBOHD</i>	ATGATAGGTATGAAAGGAGAATCTCATG	TCAAAAATTTTCTTTATGGAAATCAAAA
<i>SmRBOHE1</i>	ATGAGAAAAGTGTTCATCTCCTAGGAGC	TCAGAAGTACTCCTTGTGGAACTCG
<i>SmRBOHH2</i>	ATGGCGGAATACCCTTTTCGA	CTAGAAGTTCTCTTTGTGGAAGTTGAA