

Table S2 Primer sets used in this study^a

Target gene	Comment for product	Primer sets	Primer sequence (5'-3')
<i>Construction of gene cassettes</i>			
<i>ripAY</i>	Native form, for expression in pYC2/CT	P1002	5'-GCTCTAGAAATGGAAAGAATCTCGACAAATG-3'
		P1003	5'-GGACTAGTTCAGTCGGGTTTGGGCTGCGTG-3'
<i>ripAY</i>	N-terminal His-tagged form, for expression in pET24b	P3063	5'-GCATATGGGCAGCAGCCATCACCATCATCACCACAGCCAGATGGAAAGAATCTCGACAAATGC-3'
		P3037	5'-GGACTAGTTCAGTCGGTCCGGATCAAG-3'
<i>ripAY</i>	N-terminal HA-tagged form, for expression in pEl2Ω-MCS, In-Fusion cloning	P3211	5'-ATTCGGTACCACTAGATGTACCCATACGATGTTC-3'
		P3236	5'-ATTCGAGCTCACTAGTCAGTCGGGTTTGGGCTG-3'
<i>ripAY</i>	GFP fusion, for expression in pEl2Ω- <i>gfp</i> , In-Fusion cloning	P3237	5'-ATGGACGAGCTGTACATGGAAAGAATCTCGACA-3'
		P3238	5'-CCGCTTACTTGTACTCAGTCGGGTTTGGGCTGCG-3'
<i>YER163c</i>	Native form, for expression in pYC2/CT	P3042	5'-GACTAGTATGACTAATGACAACAGTGGTAT-3'
		P3043	5'-GACTAGTTCACCTGTATTTATTTACAGTC-3'
<i>YER163c</i>	N-terminal His-tagged form, for expression in pET24b	P3064	5'-GCATATGGGCAGCAGCCATCACCATCATCACCACAGCCAGATGACTAATGACAACAGTGGTAT-3'
		P3040	5'-GGCGGCCCGCCCTGTATTTATTTACAGTCTC-3'
<i>RTC3</i>	Native form, for expression in pET24b	P3078	5'-GGCATATGTCTACTGTAACCAAATACT-3'
		P3079	5'-GGGAATTCTCAATTGTAGGCTTTGGTTCCG-3'
<i>TRX2</i>	Native form, for expression in pET24b	P3084	5'-GGCATATGGTCACTCAATTAATCCG-3'
		P3085	5'-GGGAATTCCTATACGTTGGAAGCAATAGCT-3'
<i>RsTrxA</i>	Native form, for expression in pET24b	P3098	5'-GGCATATGAGCGAACAGATCAAGTATG-3'
		P3099	5'-GGGAATTCCTTAGAGGTGGCTGTCCAGGAAG-3'
<i>AtTRX-h1</i>	Native form, for expression in pET24b	P3102	5'-GGCATATGGCTTCGGAAGAAGGACAAG-3'
		P3103	5'-GGGAATTCCTAAGCCAAGTGTGGCAATG-3'
<i>AtTRX-h2</i>	Native form, for expression in pET24b	P3104	5'-GGCATATGGGAGGAGCTTTATCAACTG-3'
		P3105	5'-GGGAATTCCTATGCTCTGAGTTTGCTAACT-3'
<i>AtTRX-h3</i>	Native form, for expression in pET24b	P3106	5'-GGCATATGGCCGCAGAAGGAGAAGTTA-3'
		P3107	5'-GGGAATTCCTCAAGCAGCAGCAACAACACTGTC-3'
<i>AtTRX-h4</i>	Native form, for expression in pET24b	P3108	5'-GGCATATGGCCGCAGAAGAGGGTCAAG-3'
		P3109	5'-GGGAATTCCTACGCAGTTGTAACACCAGTA-3'
<i>AtTRX-h5</i>	Native form, for expression in pET24b	P3110	5'-GGCATATGGCCGGTGAAGGAGAAGTGA-3'
		P3111	5'-GGCGGCCCGCTCAAGCAGAAGCTACAAGACC-3'

<i>AtTRX-h7</i>	Native form, for expression in pET24b	P3112 P3113	5'-GGCATATGGGTTCCAATGTTTCATCTG-3' 5'-GGGAATTCCTTAAACCCTATGTTGTTCAATC-3'
<i>AtTRX-h8</i>	Native form, for expression in pET24b	P3114 P3115	5'-GGCATATGGGTGCTAACGTTTCTACTC-3' 5'-GGGAATTCCTCAGAAGAAGGATTGTGTGTAT-3'
<i>AtTRX-h9</i>	Native form, for expression in pET24b	P3116 P3117	5'-GGCATATGGGTAGCTGCGTCTCTAAGG-3' 5'-GGGAATTCCTCAAGGCCGTTGAGGACTTTCA-3'
<i>AtTRX-m1</i>	Mature form, for expression in pET24b	P3165 P3119	5'-GGCATATGGACTGCTACAGGAATTCCAG-3' 5'-GGGCGGCCGCTTACAAGAATTTGTTGATGCTG-3'
<i>AtTRX-fl</i>	Mature form, for expression in pET24b	P3166 P3121	5'-GGCATATGGTTGGTCAGGTGACGGAGGTCG-3' 5'-GGGAATTCCTCATCCGGAAGCAGCAGACCTC-3'
<i>AtTRX-x</i>	Mature form, for expression in pET24b	P3167 P3133	5'-GGCATATGGGCGGAATCAAAGAGATTGGAG-3' 5'-GGGCGGCCGCTTAAGCAACAGATATTGAGT-3'
<i>AtTRX-y1</i>	Mature form, for expression in pET24b	P3168 P3135	5'-GGCATATGGAAGCCAAGAAGCAGACATTTG-3' 5'-GGGCGGCCGCTTATGGCTTCACTTTTAGAG-3'
<i>AtTRX-z</i>	Mature form, for expression in pET24b	P3170 P3171	5'-GGCATATGGGCAAGTTTGTGAGAGAAGATT-3' 5'-GGGAATTCCTCACATCTCGTTGTCAATGATA-3'
<i>AtTRX-o1</i>	Mature form, for expression in pET24b	P3169 P3137	5'-GGCATATGGAAAATGGTGTGTTCTAGTGA-3' 5'-GGGCGGCCGCTCACTTGTAGAGCTGTTCCA-3'

Site-directed mutagenesis

<i>ripAY</i>	RipAY E216Q	P3044 P3045	5'-CGTGTCATCCGCCGGCAACTACTGGACGAG-3' 5'-CTCGTCCAGTAGTTGCCGGCGGATGACACG-3'
<i>ripAY</i>	RipAYC328S	P3124 P3125	5'-CGCTTTGTGCAATCCAGCGAAACAGCCAAG-3' 5'-CTTGGCTGTTTCGCTGGATTTCGACAAAGCG-3'
<i>AtTRX-h3</i>	<i>AtTRX-h3</i> C39S/C42S	P3163 P3164	5'-TGCAACATGGAGCCCACCTAGCCGTTTCATTG-3' 5'-CAATGAAACGGCTAGGTGGGCTCCATGTTGCA-3'
<i>AtTRX-h5</i>	<i>AtTRX-h5</i> C39S/C42S	P3149 P3150	5'-AGCATCATGGTCTCCACCTAGCCGTTTCATTG-3' 5'-CAATGAAACGGCTAGGTGGAGACCATGATGCT-3'

Construction of R. solanacearum mutants

<i>gshAB</i>	for introducing $\Delta gshAB::Sm^r/Spc^r$	P3065 P3067	5'-GGGGATCCTCGCCAACAAGGTGGCCGATG-3' 5'-GGGGATCCCGCTCGGACAGCAGTTGCGCC-3'
<i>ripAY</i>	for introducing $\Delta ripAY$ upstream	P3032 P3033	5'-GGGAATTCGGGCCGCCATGCGG-3' 5'-GGGGATCCGGCTGGCACCGTTCGATCGGGA-3'
<i>ripAY</i>	for introducing $\Delta ripAY$ downstream	P3034 P3035	5'-GGGGATCCCGCCACTCGCCATTCTCTCGC-3' 5'-GGAAGCTTAGCCGATGCCGATAATGTCC-3'

Quantitative real time PCR

<i>NbACRE132</i>	NbACRE132	5'- CAAACGGCGGCACAAGAC -3'
	-qRT-FW	
	NbACRE132	5'- GATAACCGCCAGCGAAATTG -3'
	-qRT-RV	
<i>NbEF1α</i>	NbEF1α-qRT	5'- CCTCAAGAAGGTTGGATACAAC -3'
	-FW	
	NbEF1α-qRT	5'- TCTTGGGCTCATTAATCTGGTC -3'
	-RV	
<i>NbPti5</i>	NbPti5-qRT-	5'- CCTCCAAGTTTGAGCTCGGATAGT -3'
	FW	
	NbPti5-qRT-	5'- CCAAGAAATTCTCCATGCACTCTGTC -3'
	RV	
<i>NbWRKY22</i>	NbWrky22	5'- CAAGGCATAAAGCAGACACAACA -3'
	-qRT-FW	
	NbWrky22	5'- GCTTCTGACCACCGCATGT -3'
	-qRT-RV	

^a The restriction sites used for cloning are underlined.