

Supplementary Table S5. Primers used in the study.

Primes		Sequences (5'-3')
<i>BolTLP1</i> (full coding sequences)		bolTLP1-F:ATGATTTATCAAAAAACACTTCTCACA
		bolTLP1-R:TCACGGACAGAAAATGACATTGTAG
<i>BolTLP1</i> with restriction enzyme sites (for construction of expression vector)		Nco I-bolTLP1-F: <u>GCCCATGG</u> CTTGATTAGTTTC
		Bst EII-bolTLP1-R: <u>GGTCACCG</u> ATAATCACACTTCC
<i>BolTLP1</i> with restriction enzyme sites (for construction of bait vector)		BD-bolTLP1-F: <u>CCATGG</u> ATGATTATCAAAAAACAC
		BD-bolTLP1-R:GGATCCTCACGGACAGAAAATG
<i>BolTLP1</i> with restriction enzyme sites (for construction of prey vector)		AD-bolTLP1-F:GGATCCATGATTATCAAAAAACAC
		AD-bolTLP1-R:GAGCTCTCACGGACAGAAAATG
Primes used in construction of bait vector	<i>LSM1B</i>	F: <u>CATATG</u> ATGTCGTTGGGCTGGTCCT
		R: <u>GTCGAC</u> TAAATCGAAGTCAAGAACTCCATT
	<i>RD2</i>	F: <u>CATATG</u> ATGTCTCTAACCCTAAAAATCTC
		R: <u>GTCGAC</u> CTACTGGACGCCG
	<i>VOZ2</i>	F: <u>CATATG</u> ATGGGATGCTTCGG
		R: <u>GTCGAC</u> TAAATTTGCTTGCTGCTG
	<i>RD22</i>	F: <u>CATATG</u> ATGGCGGCTTGTCTTCCAT
		R: <u>GTCGAC</u> CTAGTAGCTGAACCAAACAACATGG
	<i>MDH</i>	F: <u>CATATG</u> ATGGCAACAGCAACATCAGC
		R: <u>GTCGAC</u> CTAGTTAGCTGCTGCAGCAGCT
Universal primers	<i>T7</i>	F: TAATACGACTCACTATAGGGCCA
	<i>3'BD</i>	R: AAAAGCAAAATTTTGGATTCTCA
	<i>3'AD</i>	R: CACTTGAACGCCCCAAAAAGTCATAG
	<i>35S</i>	F: AACAGAACTCGCCGTAAAG
	<i>NOS</i>	R: TTGCGGGACTCTAATCATAAAAC

	Genes	sequences (5'-3')
Primes used in qRT-PCR	<i>bolTLP1</i>	<i>qbolTLP1</i> -F:CGGTGTTGAAGACGGAGGAA
		<i>qbolTLP1</i> -R:CCAGTCTCTTGATAATCACAC
	<i>jacalin-related lectin 35</i>	106295110-F:TGGCGAAAAAGTTGGATGCTCA
		106295110-R:CACGGATGTGATGTAATCTTCTGGA
	<i>PYL9</i>	106298389-F:CCCCTGTTTCATCTCGTTTGGTCT
		106298389-R:ATCACCTTTCATCACACACCTGCTG
	<i>ERF13</i>	106298736-F:CCACTTCCTCATCGTCACTGTCTCA
		106298736-R:TTCTTGTCTTTTGATTTGGTGCCCT
	<i>ERF11</i>	106301710-F:CGGAATCAAAGAAACCCGTTACAG
		106301710-R:GCTCTCGTTGTTGTCGACCATGTA
	<i>adenylyl-sulfate kinase 2</i>	106302172-F:AGCGACTGCCTCTAAGTGACGGTT
		106302172-R:CGGAGATCGGATGTAAAGAAGCAG
	<i>IAA9</i>	106313751-F:AGATGACAAAGCCACTATCAGCCTC
		106313751-R:TGGTAGGAAGCAAAGGAAAGAAGG
	<i>HVA22-like</i>	106333342-F:CTGTGGTGATGCTGCTTTAT
		106333342-R:TGTTCCCTCACGACTCTGTT
	<i>DrTI</i>	106319958-F:GAAGAGGTGAAGGACTACAACGGAA
		106319958-R:TGATGCCAAGTGGACAAAAAAGTA
	<i>glutathione S-transferase T3</i>	106319962-F:GAGTACTGAACAAAAGGTGGTGCC
		106319962-R:ACCAAATCATTGATCCTAGCCCAT
	<i>heat shock protein 90</i>	106322283-F:GTGAGAGCAAGAAGGCTGTGGA
		106322283-R:GGACTCTTCCAGTTTCAGACCCTC
	<i>WRKY 40</i>	106327894-F:ATGCGAGTTGAAGAAGATTCCACG
		106327894-R:AGGACTGACTTGGTCTCTCTCGGTA
	<i>autophagy-related protein 8e</i>	106335452-F:AAGCGTGACAACGATTACGAAAAGA
		106335452-R:TCTCAGCCTTTTCCACAATCACC
	<i>ABA 8'-hydroxylase 2</i>	106336684-F:TTGCTAGTGGTGTTCCTTCAATGGC
		106336684-R:TAGGGTTCTCTGTGTAGAGGCGGA
	<i>osmotin-like protein</i>	106337582-F:TGCTCCCACTACAACGAAAATTC
		10.997606337582-R:CGAGAGAGACACCGTAGGAGGATAA
	<i>defensin-like protein 197</i>	106339924-F:TAGCATTGTTTCATCTTCTTCCTCGC
		106339924-R:GCCTTTAGCACCTTGAAACTCCTG
	<i>PYL4</i>	106342302-F:TAGGAGCCGACGAGAAGTTCAAAT
		106342302-R:TTCTTCTCGCATTTACCGCCTTT
	<i>LSM1B</i>	103870068-F: CTGGTCCTGAAGATATTACC
		103870068-R: TCCACGGATTACATAGAGGC
	<i>RD2</i>	<i>RD2</i> -F:GGTCCCAACAGCAAACACGC
		<i>RD2</i> -R:CAGCCGCAGGCTTCAATCTC
	<i>RD22</i>	103837093-F:GTCTCCGCCATCTCTTTACGCC

		103837093-R: TGTTCCTTACCCTTGCCAGTGTC
	<i>MDH</i>	114620-F: CCGTAACGAAAGCACAAACA
		114620-R: AAGGACCAGTGAAATCACGAAC
	<i>VOZ2</i>	106336717-F: GTTCCCGACGAGTCTGAGTT
		106336717-R: CTAATCCCGCCTGGTCTTAA
	<i>Actin</i>	<i>BolActin</i> -F: GCTCCTCTTAACCCAAAGGC
		<i>BolActin</i> -R: CACACCATCACCAGAATCCAGC
		<i>AtActin</i> -F: GGTAACATTGTGCTCAGTGGTGG
		<i>AtActin</i> -R: AACGACCTTAATCTTCATGCTGC

Notice: The underlines indicated the restriction enzyme sites. CK indicated the vector controls. OE indicated bolTLP1 overexpressing transgenic lines.