

Table S5 Primers used in this study

Primer	Forward primer (5'-3')	Reverse primer (5'-3')	Strategy
<i>ScCIPK1</i>	AAACCCTTGCCTGTCCGTTCTTCG	AGGCATCTCACCTGTGGCAACCAA	Gene cloning
<i>ScCIPK2</i>	CTCGTTTCTCCTTGAGCTCTT	AACCGACTCTGCAATGGACA	Gene cloning
<i>ScCIPK3</i>	CCTTGCTTGGGAATTGGCAG	CAGCGTTACACTTGTCACAATATC	Gene cloning
<i>ScCIPK4</i>	CAAGCCCAGCCCCTGTAAACCACCA	GCAAGAGGAAATGCGATCGAGCAGGAT	Gene cloning
<i>ScCIPK15</i>	TCACCTTGGAGACGACG	ACTGCAGAAATGCCATGTATTCCAG	Gene cloning
<i>ScCIPK17</i>	CACGACCTCTGTCCGCAAT	GTGGCTAATTTCCACCGCTC	Gene cloning
<i>ScCIPK20</i>	AGGCTTGCTCTTCCCAGAAATCTCCT	ACTTTGCACAGGGAATCGAGGTACGG	Gene cloning
<i>ScCIPK21</i>	CGCTCGTGAACCATTGTAGC	CGCAATTACAGTCCACCCTCT	Gene cloning
<i>ScCIPK28</i>	TCCCTGCCCTGTATTCCAACCGTCT	TGCGTTGCAGCTGAACTGCTTTGGT	Gene cloning
<i>ScCIPK31</i>	GCATCAATTCCACGCCGTTT	CACCACCATGGTCTCCAATAC	Gene cloning
<i>qScCIPK1</i>	TAGACCACCTCTTCGGGTGATA	TTGACATCCCATTGCAGTGTTT	qRT-PCR analysis
<i>qScCIPK2</i>	CGCTTGGCTTTGATGTTTCA	ACAACATCCTTCAGTTGGGTTG	qRT-PCR analysis
<i>qScCIPK3</i>	CGCTCCTTACCCATCTTTACC	GTTTGGGTATCTGCCAATTCC	qRT-PCR analysis
<i>qScCIPK4</i>	TGTAAACCACCAAGCCAAAGAG	GAGCTCATACTTGCCGAGGAG	qRT-PCR analysis
<i>qScCIPK15</i>	GCAGTACGTCTGAGGGAAATCA	TTAAGCGTTTGGAGAGCTCCTT	qRT-PCR analysis
<i>qScCIPK17</i>	CTCCCAGGAATCCGTCATCATT	CGCTCAGTGATTAGTCCCTCAT	qRT-PCR analysis
<i>qScCIPK20</i>	AACTACAAAAGAGCAGCAGGAGA	ACCCACTCATCAAGTCCATAGT	qRT-PCR analysis
<i>qScCIPK21</i>	AAGGATGTTTAGGTTGCCTTCA	GTCATGAACCGTGAGTTGCTG	qRT-PCR analysis
<i>qScCIPK28</i>	CCCATGGTGATCCTGCATTGTA	AAAGGCGTCGCAGATCGTTT	qRT-PCR analysis
<i>qScCIPK31</i>	CCCAACTTGATGGAGATGTATCG	CTCCTTTACTGTACGGGTCTCC	qRT-PCR analysis
<i>CAC</i>	ACAACGTCAGGCAAAGCAA	AGATCAACTCCACCTCTGCG-3	qRT-PCR analysis
<i>CUL</i>	TGCTGAATGTGTTGAGCAGC	TTGTGCGCTCCAAGTAGTC	qRT-PCR analysis
<i>gScCIPK3</i>	<u>GGGGACAAGTTTGTACAAAAAAGCAGGCTTC</u> ATGATTGAGAAAGAGAATAT	<u>GGGGACCACTTTGTACAAGAAAGCTGGGTCT</u> TCACCTAGCCAAGCCCACA	Gateway entry vector construction and semi-quantitative analysis
<i>gScCIPK15</i>	<u>GGGGACAAGTTTGTACAAAAAAGCAGGCTTC</u> ATGGATGGTAGGAGGACAAT	<u>GGGGACCACTTTGTACAAGAAAGCTGGGTCTG</u> TTGTTTTGTTCTCTGGAG	Gateway entry vector construction and semi-quantitative analysis
<i>gScCIPK17</i>	<u>GGGGACAAGTTTGTACAAAAAAGCAGGCTTC</u> ATGGTGCTTGAGTTTGTAA	<u>GGGGACCACTTTGTACAAGAAAGCTGGGTCTG</u> AACCAGATAGAGGGAACG	Gateway entry vector construction and semi-quantitative analysis

<i>gScCIPK21</i>	<u>GGGACAAGTTTGTACAAAAAAGCAGGCTTC</u> ATGGAGAAGAAGCCGACCAT	<u>GGGACCACCTTTGTACAAGAAAGCTGGGTCA</u> GAGGATGGCTTCAATGGTG	Gateway entry vector construction and semi-quantitative analysis
<i>NtHSR201</i>	CAGCAGTCCTTTGGCGTTGTC	GCTCAGTTTAGCCGCAGTTGTG	qRT-PCR analysis
<i>NtHSR203</i>	TGGCTCAACGATTACGCA	GCACGAAACCTGGATGG	qRT-PCR analysis
<i>NtHSR515</i>	TTGGGCAGAATAGATGGGTA	TTTGGTGAAAGTCTTGGCTC	qRT-PCR analysis
<i>NtPR-1a/c</i>	AACCTTTGACCTGGGACGAC	GCACATCCAACACGAACCGA	qRT-PCR analysis
<i>NtPR2</i>	TGATGCCCTTTTGATTCTATG	AGTTCCTGCCCCGCTTT	qRT-PCR analysis
<i>NtPR3</i>	CAGGAGGGTATTGCTTTGTTAGG	CGTGGGAAGATGGCTTGTGTC	qRT-PCR analysis
<i>NtEFE26</i>	CGGACGCTGGTGGCATAAT	CAACAAGAGCTGGTGCTGGATA	qRT-PCR analysis
<i>NtAccdeaminase</i>	TCTGAGGTTACTGATTTGGATTGG	TGGACATGGTGGATAGTTGCT	qRT-PCR analysis
<i>NtEF1-α</i>	TGCTGCTGTAACAAGATGGATGC	GAGATGGGGACAAAGGGGATT	qRT-PCR analysis

Note: attB1 and attB2 adapters were underlined in the primer *gScCIPKs*.