

Table S5. List of primer sequences of genes used in the qRT-PCR and vector generation.

Primers for qRT-PCR		
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Gene Name	Forward (5'-3')	Reverse (5'-3')
<i>SIWRKY28</i> (Solyc01g079260)	CGCCAATCAGTCCTTCAACG	ACGCCTTCCTTGAGCAACAA
<i>SIGRAS4</i> (Solyc01g100200)	TTGTAGCAGCAGCATTTTGGA	CTGCACGTCAAGTGAGAGAAA
<i>SILPL18</i> (Solyc02g093580)	ACGATGACTAGTTGACGATAGTG	AAACGATGAGATATAAGTTTTCGA
<i>SISAP1</i> (Solyc03g007760)	GACTAAACCAGGCGAGCGTA	TCTCAGCTGCAGGTAAACCG
<i>SIPAR-1c</i> (Solyc03g025670)	GGCCCAGTTGATAGCATATAGT	CAATAATAGATGCATTCTCCACCT
<i>SIPAL</i> (Solyc03g042560)	ATGTTGATGATCCTTGACGCTC	TCGTCCTCGAAAGCTCCAATC
<i>SINAC081</i> (Solyc04g009440)	ATCGACACCAGCAAACGACT	CACATGGCGACAAGACATGC
<i>SIZOG1</i> (Solyc06g062330)	TCCGCTACAGGCGGTTTTTC	CAGTCATAGGCATAGTGCCA
<i>SIEBF2</i> (Solyc07g008250)	TTGTGATGCTCCAGTGCGCTT	CGTGTGAAACCGGAGACTGA
<i>SIERF4</i> (Solyc07g053740)	TGTGTCGGATTCGCTCTCCG	CCATAGGTGGCGCAAGGTTA
<i>SlbHLH128</i> (Solyc09g098110)	ACTGCTGCAGGTGATACTGTT	GAGCTGAGAGTTCAGCCTTGT
<i>SILSH10</i> (Solyc10g008000)	CACCAGCTCCCTGTACTTGT	GCGAATGGGTTGGTCTCACT
<i>SIDIR21</i> (Solyc10g055200)	TACGTCTCATTCGCTACGG	TGAGCTCGACCAATAGTCGTT
<i>SIEBF2</i> (Solyc12g009560)	TTGTGATGCTCCAGTGCGCTT	CGTGTGAAACCGGAGACTGA
<i>SIZSD1</i> (Solyc12g056600)	GTCACTGTCTTACTTTATGTACACG	AACGGTAATGTAATACTCCAAATCG
<i>SIHB8</i> (Solyc08g066500)	CGTGGAGCTGCTCAAATCTG	CTGGCAGTGCCTTCATAGAG
<i>SICCR1</i> (Solyc06g068440)	GCTGGAGCGATCCTGATTTT	ATATGAAGAACACTAGCATTCACAGTATT
<i>SICYP73A14</i> (Solyc05g047530)	TTGTGTTCAAGCCTGTTGCTG	GTGTTGTTGTAAAGGCACAGAGT
<i>SICCR2</i> (Solyc03g116910)	AGTCTGCAGGAGAAGGGTCA	TTCATAAGCACACGCAGTAGC
<i>SICCoAOMT5</i> (Solyc10g050160)	GCCCTTGCTATCCCCGAAG	TCAAGAAGGGGCAAAGCAGG
<i>SIC3H</i> (Solyc01g096670)	CAACTTTGTGCCTCAAGTCCAAT	CCAATGTCTTTAACCAACCAGAAAC
<i>SICAD</i> (Solyc01g107590)	ACCTAAGCAATGTCTTGCCCT	GGAGAATAGTTCAAAGGGAATGGA
<i>SICOMT</i> (Solyc03g080180)	ACTCCCTTGTAAGAACCCAGATG	CACCATCGGCATTCTTAGTCA
<i>SIHCT</i> (Solyc03g117600)	CTCCCTTTTCTTAATCCAGGTAAC	CATGGCAAAAGGGTCTGCTA
<i>SIPER3</i> (Solyc05g046020)	TGCTGAATTTGCTCAATCAATGG	ACATATTGCCCCAAACCAAGA
<i>SIUBI</i> (Solyc01g056940)	CCAAGATCCAGGACAAGGAA	CCAAGATCCAGGACAAGGAA

Primers for Dual Luciferase Assay		
Primers for Dual Luciferase Assay		
Gene Name	Forward (5'-3')	Reverse (5'-3')
<i>ProSIPER3</i>	tataggcgcaattgggtaccGAAGGTCCCTTACCCTTGAT	tatgttttggcgtcttccatggTAGGAGCCAGGACAACCTCACA
<i>ProSICYP73A14</i>	tataggcgcaattgggtaccTGGCTCCCTAATCTTGGCAC	tatgttttggcgtcttccatggTCTTGCTCCTGTTGAGTGCC
<i>SK-SIHB8</i>	cgggctgcaggaattcATGATGGCTGTGACATCAAGCT	cgggtatcgataagctTCAGACAAAAGACCAATTGATAAAC