

Supplementary Information

Table S1. List of primers used in this study.

Gene Name	Description	Forward Primer Sequence (5'–3')	Reverse Primer Sequence (5'–3')
<i>np1II</i>	Neomycin phosphotransferase II	CTGGACGAAGAGCATCAGGG	AAAAGCGGCCATTTTCCACC
<i>Solyc03g078400</i>	Actin	CCTGTTCTCCTGACTGAGGC	TGCTCCTAGCGGTTTCAAGT
<i>Solyc10g075090</i>	Le16	GGAAAAATTGCATGCTTTGTGG	TTGAGCAATCAGTGGAAGGG
<i>Solyc03g111550</i>	GDSL-motif lipase/hydrolase	AGCAGTGCAGGCGTTGTTT	TTTAAATTTCCGCCACCAGC
<i>Solyc02g077220</i>	GDSL-motif lipase/hydrolase	AGGACATAGGACTCGCGAAG	TCGTCAAACACTTCAATCGC
<i>Solyc06g051720</i>	GDSL-motif lipase/hydrolase	CGTGCTATACAGGTCCTTGA	CCCATCCGTAAAAACAAGCAG
<i>Solyc05g043330</i>	GDSL-motif lipase/hydrolase	TCTATCTTGTGAGCTTGGA	CCTGGAAGTTCCCTATTAA
<i>Solyc04g016330</i>	Glycerol-3-phosphate dehydrogenase	TAAAGTCTTCAGGATAGGGC	GCTACCAGCAAATCAGTATA
<i>Solyc05g054490</i>	Enoyl-CoA reductase	ACAAGAAGCCACGGGGTATT	TGGTTACAAAGAAGAGCGTG
<i>Solyc08g067260</i>	Fiddlehead	ATCATGTCTAAGCCAAAACC	TTCACCACCAATACTCCGAC
<i>Solyc03g065250</i>	CER1-like (fatty acid hydroxylase)	TTCATTCAATCCATCCCCTA	GAAACTGAATAAGAATGGGG
<i>Solyc09g092270</i>	CER2-like (fatty acid elongase)	ACTCAACAGAAACCCTACAA	TCAACCTTAACCACACCAAT
<i>Solyc01g079240</i>	CER6-like (3-ketoacyl-CoA synthase)	TGGCGCCACGACTGCTATCA	AGTTTCCGGTGGTGCTCCTT
<i>Solyc01g079240</i>	Long chain acyl-CoA synthase	AGTTTCCGGTGGTGCTCCTT	TGGCGCCACGACTGCTATCA
<i>Solyc12g044300</i>	Long chain acyl-CoA synthase	GCACTTGCGCCTTATGATGA	CTGCTTCAATTTCCAACGCT
<i>Solyc03g006240</i>	HOTHEAD-like	GGAGTGAATTTTGCTTTTGC	GCCCCTTCTTCTATCAATGC
<i>Solyc03g121600</i>	HOTHEAD-like	TCATGTTAAGCAGCCTATCT	TGGACAATCAGGAGATAGCA

Figure S1. Real-time gene expression analysis of *SISHN1* in wild type plants (MM) and in different transgenic overexpression lines (OE). Values are means $\pm$ SD of three technical replicates.

