

Table S1. List of primer sequences.

	Gene	Sequences of forward (1st line) and reverse (2nd line) primers
Real-time PCR	<i>SIFKF1</i>	5'-ATAGCACATGCGTGGTGGGAG-3' 5'-TTGCTCGCTAAGCACAATTCATAC-3'
	<i>SIACT</i>	5'-CACTGTATGCCAGTGGTCGT-3' 5'-ACGTCCCTGACAATTTCTCG-3
	<i>SIUBI3</i>	5'-CACCAAGCCAAAGAAGATCA-3' 5'-TCAGCATTAGGGCACTCCT-3'
Transformation	<i>SIFKF1</i>	5'-GGGGACAAGTTTGTACAAAAAAGCAGGCTCTTGCCAACAGCGCTAAC-3' 5'-GGGGACCACTTTGTACAAGAAAGCTGGGTCTTGTCCTCCAACCACG-3'

Table S2. Accession numbers of proteins used for the phylogenetic tree analysis.

Name	Accession number
AtZTL	AT5G57360
GmZTL1	NM_001248927
SlZTL	XM_004242857
InZTL	AB265784
McZTL	AY371290
OsZTL	XM_015787692
SIFKF1	XM_004228691
InFKF1	KJ605442
GmFKF2	XM_003530876
GmFKF1	NM_001248957
AtFKF1	AT1G68050
McFKF1	AAQ73528
OsFKF1	XM_015761570

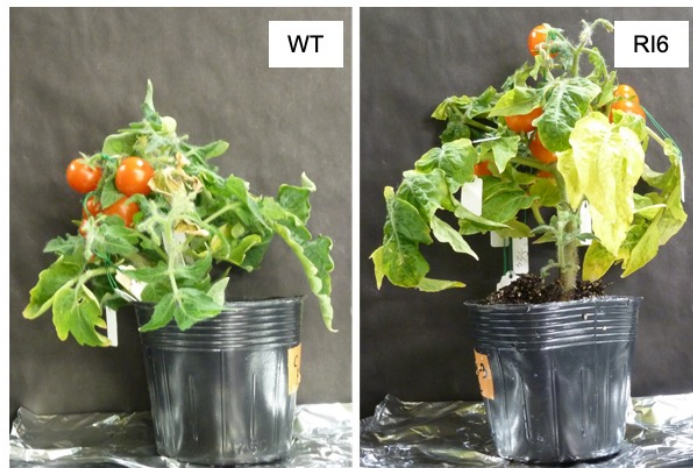


Figure S1. Wild-type (WT) and SIFKF1 RNAi line (RI6) plants with ripe fruit.