Supplementary Table S1. Primer sequences were used for quantitative real-time PCR.

Gene name	Accession number	Primer sequence (5'-3') forward/reverse	Amplicon size	Reference
Actin (Internal standard)	Achn107181 (At2g37620)	GTGCTCAGTGGTGGTTCAA GACGCTGTATTTCCTCTCAG	126	Han *et al*., 2018
AchnFHT	Achn348111 (At5g41040)	AAGCTGATCGTGGATTGTACCGG TTCTCCCCATGAGTTGACAAATTC	276	
AchnABF2	Achn315671 (AT1G45249)	AGAACTATGGAAGCGAGCCG CCTGCCTCTGCAAATACCCA	261	
AchnMYB41	Achn345001 (At4g28110)	GTAGAGACTGGTGGTGTGGATGCGT ACTCTTTCCGCACCTCTGTAACCCG	279	
AchnMYB107	Achn267491 (At3g02940)	CTTTGAGGTTTCACACTGATGCTAC ATCTTCTAAATGACTACTCCCTCTG	191	
AchnMYB4	Achn020361 (At4g38620)	CGCCACCATATCTTTTTCAACCCCT ACCATTATCACTACAACCACACCCT	235	
PP2A (Internal standard)	Niben101Scf09716g01002.1 (At1g13320)	GACCCTGATGTTGATGTTCGCT GAGGGATTTGAAGAGAGATTTC	123	Liu *et al*., 2012
NbFHT	Niben101Scf08936g06001.1 (At5g41040)	GACATTCCTGGTGCTAAAAACATAC ATTGGTACACCTCTGGCTGTTTCAC	173	
NbFHT2	Niben101Scf14958g00043.1 (At5g41040)	TCTCCAGAAGAGGAAACAAACAAGG GCATTCTCATTTCCTTTTTCCTCAG	119	
NbKCS2	Niben101Scf06901g01012.1 (At1g04220)	ATTTAGCGTTTCAAAAGAAGATACT TCCCAATATCCTTAGCCTTTACACC	189	
NbKCS4	Niben101Scf05279g05007.1 (At1g04220)	GTGTTCAATCCCACTCCTTCACTTT TGTGTTATGTTCTCCGTGCTGACCA	191	
NbKCS11	Niben101Scf08523g00022.1 (At1g04220)	TTTCCTAACCCGTCCTCGCCCTGTA CGGCTTCGGGGAGATAGGTTGATTC	197	
NbCYP86A1	Niben101Scf02250g03013.1 (At5g58860)	AAACTCTTTCTCCTAAAATGCCTGA CTTGGAGGCTTTTTTGTAATCTTTT	159	
NbCYP86B1	Niben101Scf07191g02026.1 (At5g23190)	TCTTCGGTTTGTGACTCCAACGCTT CCTTCCTCGTTCATCTCTTAGCCCC	217	
NbFAR2	Niben101Scf05711g00021.1 (At5g22500)	TTATGTAAATGGACAGCGACAAGGT AAAAGGGGAAGGAGTTGTGATTGAC	113	
NbFAR3	Niben101Scf03113g01012.1 (At5g22500)	AGGAAATGTGGAAGGAAGTAGATGT ACCTGCCTTCTCCCCAGATACAAAT	191	
Nb4CL1	Niben101Scf07623g01036.1 (At3G21230)	TGTGGGCAAAGTGAAGGATTACGCT TCAACATCACACCTTTCGGCAGACC	203	
NbPAL2	Niben101Scf05617g00005.1 (At2g37040)	CTGAAGTAATGAACGGAAAGCCTGA GCCATTGTGGAGATGTTCGGAGAGC	207	

References

Han XY, Lu WJ, Wei XP, Li L, Mao LC, Zhao YY. 2018. Proteomics analysis to understand the ABA stimulation of wound suberization in kiwifruit. Journal of Proteomics **173**, 42–51.

Liu DS, Shi LD, Han CG, Yu JL, Li DW, Zhang YL. 2012. Validation of reference genes for gene expression studies in virus-infected Nicotiana benthamiana using quantitative real-time PCR. Plos One **7**, e46451.

Supplementary Table S2. Primer sequences were used for full-length amplification and vector construction.

Gene	Primer sequence (5'-3') forward/reverse
AchnFHT	ATGGAGAATGGTTATAACAACAAATTTGA
	CTATATCTGCATAAGCCCTTCAAAC
AchnABF2	ATGAACTTCAAGAACTATGG
	TTAAGCTCCTTGCTGCGTGT
AchnMYB4	ATGGGAAGGTCTCCATGTTG
	TTATTTCATCTCCAAGCTTC
AchnMYB41	ATGGAAACGGATTCAATTGA
	TCAACATGTAGTTGCTGCAA
AchnMYB107	ATGGACAGATCACCAATCAG
	TCACTCTATAATCTCTCTCC
pET28a-FHT	GAGCTCATGGAGAATGGTTATAACAACAAATTTGA
	GTCGACTATCTGCATAAGCCCTTCAAAC
pBI121-AchnFHT	GAGAACACGGGGGACTCTAGAATGGAGAATGGTTATAACAA
	AAAACGACGGCCAGTGAATTCCTATATCTGCATAAGCCCTT
pBI121-AchnABF2	GAGAACACGGGGGACTCTAGAATGAACTTCAAGAACTATGG
	AAAACGACGGCCAGTGAATTCTTAAGCTCCTTGCTGCGTGT
pBI121-AchnMYB4	GAGAACACGGGGGACTCTAGAATGGGAAGGTCTCCATGTTG
	AAAACGACGGCCAGTGAATTCTTATTTCATCTCCAAGCTTC
pBI121-AchnMYB41	GAGAACACGGGGGACTCTAGAATGGAAACGGATTCAATTGA
	AAAACGACGGCCAGTGAATTCTCAACATGTAGTTGCTGCAA
pBI121-AchnMYB107	GAGAACACGGGGGACTCTAGAATGGACAGATCACCAATCAG
	AAAACGACGGCCAGTGAATTCTCACTCTATAATCTCTCTCC
AD-AchnABF2	GTACCAGATTACGCTCATATGATGAACTTCAAGAACTATGG
	ACGATTCATCTGCAGCTCGAGTTAAGCTCCTTGCTGCGTGT
AD-AchnMYB4	GTACCAGATTACGCTCATATGATGGGAAGGTCTCCATGTTG
	ACGATTCATCTGCAGCTCGAGTTATTTCATCTCCAAGCTTC
AD-AchnMYB41	GTACCAGATTACGCTCATATGATGGAAACGGATTCAATTGA
	ACGATTCATCTGCAGCTCGAGTCAACATGTAGTTGCTGCAA
AD-AchnMYB107	GTACCAGATTACGCTCATATGATGGACAGATCACCAATCAG
	ACGATTCATCTGCAGCTCGAGTCACTCTATAATCTCTCTCC
pAbAi-AchnFHT promoter	CTTGAATTCGAGCTCGGTACCGATTGTGTACCAAGGTATCA
	ATACAGAGCACATGCCTCGAGTCATGTAGATGGCGGTAGGC
SK-AchnABF2	GCGGCCGCTCTAGAACTAGTGATGAACTTCAAGAACTATGG
	GGTCGACGGTATCGATAAGCTTTAAGCTCCTTGCTGCGTGT
SK-AchnMYB4	GCGGCCGCTCTAGAACTAGTGATGGGAAGGTCTCCATGTTG
	GGTCGACGGTATCGATAAGCTTTATTTCATCTCCAAGCTTC
SK-AchnMYB41	GCGGCCGCTCTAGAACTAGTGATGGAAACGGATTCAATTGA
	GGTCGACGGTATCGATAAGCTTCAACATGTAGTTGCTGCAA
SK-AchnMYB107	GCGGCCGCTCTAGAACTAGTGATGGACAGATCACCAATCAG
	GGTCGACGGTATCGATAAGCTTCACTCTATAATCTCTCTCC
LUC-AchnFHT promoter	GTCGACGGTATCGATAAGCTTGATTGTGTACCAAGGTAT
	CGCTCTAGAACTAGTGGATCCTCATGTAGATGGCGGTAGGC
GFP-AchnFHT	ACGGGGGACTCTAGAGGATCCATGGAGAATGGTTATAACAA
	GCTCACCATAAGCTTGTCGACTATCTGCATAAGCCCTT

GFP-AchnABF2	ACGGGGGACTCTAGAGGATCCATGAACTTCAAGAACTATGG
	GCTCACCATAAGCTTGTCGACAGCTCCTTGCTGCGTGT
GFP-AchnMYB4	ACGGGGGACTCTAGAGGATCCATGGGAAGGTCTCCATGTTG
	GCTCACCATAAGCTTGTCGACTTTCATCTCCAAGCTTC
GFP-AchnMYB41	ACGGGGGACTCTAGAGGATCCATGGAAACGGATTCAATTGA
	GCTCACCATAAGCTTGTCGACACATGTAGTTGCTGCAA
GFP-AchnMYB107	ACGGGGGACTCTAGAGGATCCATGGACAGATCACCAATCAG
	GCTCACCATAAGCTTGTCGACCTCTATAATCTCTCTCC