

Supplementary Table S1. List of primers used in this work.

Fragaria ananassa Gene/Reference	Primer name
<i>FaNPR3.1</i>	FaN31pENT iQFaNPR3.1
<i>FaNPR3.2</i>	attB-533RNAi attB-FaNPR3.2 iQ-FaNPR3.2
<i>FaNPR3.3</i>	iQ-FaNPR3.3
<i>FaPR1.1*</i>	iQFaPR1.1
<i>FaPR2.1*</i>	iQFaPR2.1
<i>FaPR5.2*</i>	IQFaPR5.2
<i>FaWRKY24*</i>	iQFaWRKY24
<i>FaWRKY19*</i>	iQFaWRKY19
<i>FaACT.1*</i>	iQFaACT-1
<i>FaEF1a*</i>	iQFaEF1a

Arabidopsis Gene ID	Primer name
At3g18780	iQAtACTIN2
AT4G19660	iQAtPR1
At3g57260	iQAtPR2
At1g75040	iQAtPR5
AT1G64280	iQAtNPR1
AT5G45110	iQAtNPR3
AT4G19660	iQAt NPR4

* Information published in Amil-Ruiz et al. 2016 [45]

Forward primer sequence (5'-3')

CACCATGGCGAATTCAGGTGAGCC
ATAAGTTTATGGAGGATGACCTGCCT
GGGGACAAGTTTGTACAAAAAAGCAGGCTTCCATCTTTGAGGAGAAGTGCGG
GGGGACAAGTTTGTACAAAAAAGCAGGCTTAACAATGGATCATATGAATGACCTTTCGTCATCTT
GCTGCAAAACAGGGGTCACTCTTGA
TGGATGATCTCGGTATGGGTGATTAC
TGCTAATTCACATTATGGCG
AAGATGGACAATATGGCTACCAGA
CCAATTCCCAAATGTCCCTCATCTTGAT
ACAGCAGTAAGATTAGGGATGAAGAAGGGAG
CAAGTCAGGAGGAGGGGATGAGTA
GGGCCAGAAAGATGCTTATGTCGG
TGGATTTGAGGGTGACAACATGA

Forward primer sequence (5'-3')

GCCGAGATTCTTGCTCTGGA
TATGCTCGGAGCTACGCAGAA
CTCGACTCGGTTTATGCAGCA
GGCGATGGAGGATTTGAATTG
GAATCCGTCTTTGACTCGCC
TAACTGCGCTACGTCCGTCA
ATGCCCCGAGGATCTCCAAAT

Reverse primer sequence (5'-3')

GTGTAAATCACAAGACTAGAAATAGGGTG
CTATTTTCTAGTCTTGTGATTTACAC
GGGACCACTTTGTACAAGAAAGCTGGGTAGCCCCCTTAATAAGACGACCATA
GGGGACCACTTTGTACAAGAAAGCTGGGTC TCAGCTTGGCCTTTTCCTAACCTTAC
CAGCTTGGCCTTTTCCTAACCTTACGAT
TCATGTGGATGTCAAAACAGACTGGT
GTTAGAGTTGTAATTATAGTAGG
AACTCTCGCATTCTCCTTTGTAGTTA
AGTGTAAGGGGCACTCGTTACGGATTTCA
GCTTCTTCACATTGCAACCCTGATGCGTG
ATCCATCATCAAGAATATCAATGTCACT
GGGCAACACGAAGCTCATTGTAGAAG
GTATACATCCTGAAGTGGTAGACGGAGG

Reverse primer sequence (5'-3')

TAACTGCGCTACGTCCGTCA
TCGCTAACCCACATGTTACAG
TTTTCCACACTCGTCCCGACT
GCGTCAAAGTTGCAGCCTGTA
GCGGTGTTGTTGGAGTCTTT
GCCGAGATTCTTGCTCTGGA
GGCTTCTGCTGGGAAGAACA

Analysis/target

Cloning *FaNPR3.1*

RT-qPCR/ *FaNPR3.1* expression

Silencing *FaNPR3.2* members

Cloning *FaNPR3.2*

RT-qPCR/ *FaNPR3.2* expression

RT-qPCR/ *FaNPR3.3* expression

RT-qPCR/ *FaPR1.1* expression

RT-qPCR/ *FaPR2.1* expression

RT-qPCR/ *FaPR5.2* expression

RT-qPCR/ *FaWRKY24* expression

RT-qPCR/ *FaWRKY19* expression

RT-qPCR/ internal standard

RT-qPCR/ internal standard

Analysis/target

RT-qPCR/ internal standard

RT-qPCR/ *AtPR1* expression

RT-qPCR/ *AtPR2* expression2

RT-qPCR/ *AtPR5* expression

RT-qPCR/ *AtNR1* expression

RT-qPCR/ *AtNPR3* expression

RT-qPCR/ *AtNPR4* expression