

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

<b>Fragaria ananassa Gene/Referenc</b>	<b>Primer name</b>
<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

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

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

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**Forward primer sequence (5'-3')**

CACCATGGCGAATTCAGGTGAGCC  
ATAAGTTTATGGAGGATGACCTGCCT  
GGGACAAGTTTGTACAAAAAAGCAGGCTTCCATCTTTGAGGAGAAGTGCGG  
GGGACAAGTTTGTACAAAAAAGCAGGCTTAACAATGGATCATATGAATGACCTTTCGTCATCTT  
GCTGCAAAACAGGGGTCAGTCTTGA  
TGGATGATCTCGGTATGGGTGATTAC  
TGCTAATTCACATTATGGCG  
AAGATGGACAATATGGCTACCAGA  
CCAATTCCCAAATGTCCCTCATCTTGAT  
ACAGCAGTAAGATTAGGGATGAAGAAGGGAG  
CAAGTCAGGAGGAGGGGATGAGTA  
GGCCAGAAAGATGCTTATGTCGG  
TGGATTTGAGGGTGACAACATGA

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**Forward primer sequence (5'-3')**

GCCGAGATTCTTGCTCTGGA  
TATGCTCGGAGCTACGCAGAA  
CTCGACTCGGTTTATGCAGCA  
GGCGATGGAGGATTTGAATTG  
GAATCCGTCTTTGACTCGCC  
TAACTGCGCTACGTCCGTCA  
ATGCCCGAGGATCTCCAAT

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**Reverse primer sequence (5'-3')**

GTGTAAATCACAAGACTAGAAATAGGGTG  
CTATTTTCTAGTCTTGTGATTTACAC  
GGGACCACTTTGTACAAGAAAGCTGGGTAGCCCCCTTAATAAGACGACCATA  
GGGGACCACTTTGTACAAGAAAGCTGGGTC TCAGCTTGGCCTTTTCCTAACCTTAC  
CAGCTTGGCCTTTTCCTAACCTTACGAT  
TCATGTGGATGTCAAACAGACTGGT  
GTTAGAGTTGTAATTATAGTAGG  
AACTCTCGCATTCTCCTTTGTAGTTA  
AGTGTAAGGGCACTCGTTACGGATTTCA  
GCTTCTTACATTGCAACCCTGATGCGTG  
ATCCATCATCAAGAATATCAATGTCACT  
GGGCAACACGAAGCTCATTGTAGAAG  
GTATACATCCTGAAGTGGTAGACGGAGG

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**Reverse primer sequence (5'-3')**

TAACTGCGCTACGTCCGTCA  
TCGCTAACCACATGTTACAG  
TTTTCCACACTCGTCCCGACT  
GCGTCAAAGTTGCAGCCTGTA  
GCGGTGTTGTTGGAGTCTTT  
GCCGAGATTCTTGCTCTGGA  
GGCTTCTGCTGGGAAGAACA

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**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

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**Analysis/target**

RT-qPCR/ internal standard

RT-qPCR/ *AtPR1* expression

RT-qPCR/ *AtPR2* expression<sup>2</sup>

RT-qPCR/ *AtPR5* expression

RT-qPCR/ *AtNR1* expression

RT-qPCR/ *AtNPR3* expression

RT-qPCR/ *AtNPR4* expression