

Table S2. Primers used in the study.

| Primers for qRT-PCR | | |
|---------------------|------------------------------|------------------------------|
| Primers Name | Forward Primer (5'–3') | Reverse Sequence (5'–3') |
| <i>PpNRT2.9</i> | TGGGTTTTTCTTCATTCGCTTCTTTTTT | GTTGTTGGCCCTTTACATGTTTCTCCTT |
| <i>PpNRT4.5</i> | TATACGCCACGGAGGGTCTT | GGGTGGTAGCCGACTTTGTGTC |
| <i>PpNRT5.6</i> | ATCACATCACGGAGAAGGGTGGGAAG | TGTAAGAGTAACGCCGAGCCAAGAAAAC |
| <i>PpNRT21.</i> | TCATATCGGGCCTCACTGGA | GCACACGATCATTACCCCCA |
| <i>PpNRT2.5</i> | AGCGTTTCACTTGTCTTGGT | CAAGCCGCGGTCCAAATAAG |
| <i>PpNR</i> | TCGTCCGCTCCTTCAACTTC | TTAAATCCCCGTA CTGCGG |
| <i>PpNiR</i> | CCTCTTGATGCCTGGGTCTC | CTCGTCTTCTGTGCGGTTCCC |
| <i>PpGDH1</i> | TCAAGGGGTTCAATGGTGGG | TCAGTGGGGTGATTAGCTGC |
| <i>PpGDH2</i> | CAAGCCGCAATTTTCGCAAC | AAGCTTCCATCGTCCTTCGG |
| <i>PpGS</i> | GCACAGATTTTGGCACCCAC | AGCAGAGCTCTTGGTGGTC |
| <i>PpNAC2</i> | AGGGACCGGAAGTATCCGAA | CGGCGTAGAAAACCAAAGCC |
| <i>PpNAC29</i> | CAGGAATCCCAAGCACCGAA | TGTCGGACTGAATCGTTGCG |
| <i>PpTEF2</i> | GGTGTGACGATGAAGAGTGATG | TGAAGGAGAGGGAAGGTGAAAG |
| <i>AtNR</i> | CCACGTCCCTAAAGCCCAAT | TCTGTTCCCTTACGGCGGTTT |
| <i>AtGS1</i> | ATGGTGAAGGCAACGAGAGG | CCTACTCTCACCGATGCTCC |
| <i>AtACC</i> | CGGCGACGTTTTCTTCATTC | GCGGCGTCAACGGTTAATTT |
| <i>AtEIN3</i> | CCTGCGAGAATCTTGGGTGT | TGCTCCATACGGTAAGCGAC |
| <i>Atactin11</i> | CCACATGCTATTCTGCGTTTGGACC | CATCCCTTACGATTTACGCTCTGC |

| Primers for vector construct | | |
|------------------------------|---|--|
| Primers name | Forward primer (5'–3') | Reverse sequence (5'–3') |
| <i>1300-PpNRT2.1</i> | ATTTGGAGAGGAC <u>AGGGTAC</u> - <u>CATGGCCGAAGTCGAAGGTGAA</u> | CACCATGGTACTAGT <u>GTCGACA</u> ACATGG- GAAGGTGTGGTGTT |

The sequence of the restriction enzyme is underlined.