

## **Supplemental Material to:**

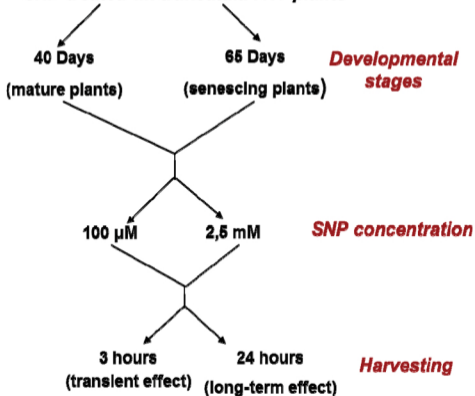
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**Developmental stage- and concentration-specific sodium  
nitroprusside application results in nitrate reductase  
regulation and the modification of nitrate metabolism in  
leaves of *Medicago truncatula* plants**

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**SNP-treated *M. truncatula* A17 plants**



**Table S1.** Oligonucleotides used as primers for real-time RT-PCR.

| <b>Gene</b>                | <b>Primer orientation</b> | <b>Primer sequence</b>                                   | <b>Length of amplified fragment</b> | <b>Tm (°C)</b> | <b>Reference</b> |
|----------------------------|---------------------------|--|-------------------------------------|----------------|------------------|
| <i>NR</i>                  | Forward<br>Reverse        | 5'-GTAGGCCCCACAAAGGAGAA-3'<br>5'-GAAGCGGGTGCAGTCGTAGA-3' | 257bp                               | 60             | TA22623_3880*    |
| <i>Act11</i>               | Forward<br>Reverse        | 5'-ATGCCATCCTTCGTCTTGA-3'<br>5'-GCTGGTCCTGGCTGTCTC-3'    | 182bp                               | 53             | 72               |
| <i>Nitrate transporter</i> | Forward<br>Reverse        | 5'-ATGCAATTGCCCTCTGATTC-3'<br>5'-TGAGCATGGATTGTCCAAAA-3' | 269bp                               | 60             | BE205238*        |
| <i>Nitrite transporter</i> | Forward<br>Reverse        | 5'-CACCACCAAACCTTTGGAAT-3'<br>5'-CGAACGAGCTTGTTGAATGA-3' | 149 bp                              | 60             | AW684979*        |

\* *Medicago* EST sequence Accession no.