

**Table S1: List of primers used for qRT-PCR analysis**

| Genes            | Primer Name | Sequence (5'-->3')     |
|------------------|-------------|------------------------|
| At3g50970        | N327        | GGGACTAACACGGCTTATGG   |
|                  | N328        | CCTGGCAGTTGCTCTTTAAT   |
| At1g54160        | N266        | CCGTGCTAAACTCGAAGCTC   |
|                  | N267        | AGCATGAAGATGGCGAGACT   |
| AT4g34000        | N229        | AACCGTTCTCAACCTGCAAC   |
|                  | N230        | GCTGCAACCGTTACTCCTGT   |
| At5g28770        | N181        | CGGTCCAGAAGAAGAAAGCA   |
|                  | N182        | TGAGACCCTTCATGAGTTTGA  |
| At3g22120        | N143        | TTCCCTCGTACGTTAATAGTGG |
|                  | N144        | GGGTTTGTACACTTTCCTCA   |
| At2g45180        | N177        | CTCCTAAACCCCCAAAACC    |
|                  | N178        | TGGTGGAGAACCAACAACAA   |
| At3g54500        | Y873        | TCTCATCAGGTGCCTGTAGC   |
|                  | Y874        | GCCAGAATCATCTTGTTCCA   |
| At5g45820        | N175        | AAAGCCGATGTTTGGTCTTG   |
|                  | N176        | ATTTGAATTCGCCTTTCGTG   |
| At1g71030        | N171        | CATCCTCAAGCTTCATGCAC   |
|                  | N172        | AACTTCGTTGTTCGGTTCGTC  |
| At4g28140        | N261        | CACAGCGCAACACTGAATTT   |
|                  | N262        | TGGCGTTTCAGGTTCTTTCT   |
| At1g19180        | N211        | GCATGCAAGCCTGATGTCAAT  |
|                  | N212        | TGCCTAGGAAACAGATTTCGTC |
| At1g51780        | N249        | ACATTCCGAGCCCTTTTACC   |
|                  | N250        | GCTTGCTTGCGTTGTGATAA   |
| At2g42540/COR15A | Y31         | CAGATGGTGAGAAAGCGAAA   |
|                  | Y32         | CCCTACTTTGTGGCATCCTT   |
| At4g27410        | Y33         | AGTTCGATCCTTGGGATTTG   |
|                  | Y34         | ACCCGTTGCTTTCCAATAAC   |
| At3g11020        | Y41         | TGGTTTAACGGTGGCTGATA   |
|                  | Y42         | TGGTCCTCCTTTACCCTTCA   |
| At4g38770        | N179        | GCCGAGAGCAAGATCAAAAC   |
|                  | N180        | GTCGTCAATGTTTCCCGAAC   |
| At5g01410        | N183        | ACCCTGAGATGCTTGTGGAG   |
|                  | N184        | AGCGATTAGCGAACCTCTCA   |
| At4g39260        | N349        | CGGCGACGTTATCGATTCTA   |
|                  | N350        | TCCTTGAAGGTGACGAATCC   |