**Table S2** Validation of gene expression (fold-induction or repression relative to corresponding controls) obtained from Affymetrix array experiments by qRT-PCR for selected genes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Microarray Probe Set ID (accession, tissue/stress - time point)** | **Gene** | **qRT-PCR**  **fold-induction** | **Microarray**  **fold-induction** | **qRT-PCR Primer-Forward (5’-3’)** | **qRT-PCR Primer-Reverse (5’-3’)** |
| Contig1568 23-70Leaf/PEG- 3h | Thionin Precursor | 17.03 | 8.22 | acgggcagaaactgctacaa | acatgttgggccgcttatga |
| rbah13p07 23-70Leaf/Salt-3h | Peroxidase | -13.55 | -7.41 | tcaggcttcacttccacgac | gtcgaccgtgttgaggttct |
| rbah13p07 20-40Leaf/Salt-27h | Peroxidase | -9.87 | -5.35 | tcaggcttcacttccacgac | gtcgaccgtgttgaggttct |
| HV\_CEb0009D09r2 20-40Leaf/PEG-27h | Unknown | -11.11 | -5.69 | tcgatcgtatcagatctcccaga | aatactctctctcgcgcagc |
| Contig21640 23-70 Root/Salt 3h | Glutathione-S-Transferase 2 | 9.02 | 10.26 | aagagcgagctcctcctcaa | ctcaaccagtctgcccacat |
| Contig4213 23-70 Root/Salt -27h | Ripening-Related Protein | 10.17 | 6.1 | caacaactttgacgagggcg | atgctcatgcatccgaccaa |
| Contig21604 23-70 Root/PEG -3h | Glutathione Synthetase | -9.13 | -8.2 | cctccacattgaccagtgcc | caacgatggataccaggcga |
| Contig3216 23-70 Root/PEG-27h | Defensin | -8.42 | -5.27 | gcgtagcttaggcgaggaat | gtgaaacaacgcaacgacca |
| Contig3783 20-40 Root/Salt-3h | Hypersensitive-İnduced Reaction Protein 3 | 53.45 | 35.5 | aagcacacgcaatcgctaac | ggctaaggtcgatggggatg |
| Contig3783 20-40 Root/Salt-27h | Hypersensitive-İnduced Reaction Protein 3 | 13.74 | 18.7 | aagcacacgcaatcgctaac | ggctaaggtcgatggggatg |
| Contig3783 20-40 Root/PEG-3h | Hypersensitive-İnduced Reaction Protein 3 | 24.20 | 14.12 | aagcacacgcaatcgctaac | ggctaaggtcgatggggatg |
| Contig3783 20-40 Root/PEG-27h | Physical İmpedance İnduced Protein | 32.67 | 13.36 | aagcacacgcaatcgctaac | ggctaaggtcgatggggatg |