**Supplementary Table S1**. PCR primers used for real time RT-PCR validation of expression of the genes encoding seven randomly-selected proteins from those identified by 2D-DIGE and MALDI-MS/MS analyses.

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| --- | --- | --- | --- |
| **Protein ID** | **Protein Name** | **Primer direction** | **Primer sequence** |
| 67 | Eukaryotic translation initiation factor 5A1 | Forward | CCAGAATATCTACCGCCCTTG |
| Reverse | GGCAAGCCATCACCATTTATG |
| 47 | PREDICTED: uncharacterized protein LOC100822602 | Forward | GATGAAGGCGTGGAAGGAG |
| Reverse | CATGGGCTTGTCGGAGAG |
| 62 | Glutathione transferase F5 | Forward | ATGGATGCGTATGGGAATCTG |
| Reverse | AACAGATATCATGGACCCGTG |
| 57 | Chlorophyll a-b binding protein | Forward | CACCAAGAGCCCCAAGG |
| Reverse | CAAACAAGCAACCTCAGACG |
| 71 | Peroxiredoxin-2E-2 | Forward | GAGCAGTACAAGAGCATCGAG |
| Reverse | CACCTCCACCTTCTCCTTG |
| 64 | Salt tolerant protein | Forward | TGCTCATGTACCTCAACGAC |
| Reverse | TCGGGTTCACTTTCCTCTTG |
| 20 | Phosphoethanolamine methyltransferase | Forward | GAGTCCGACAAGTACAGGAAG |
| Reverse | TCGATCTTGTGCCTGTGC |