Supplementary Table S3. The primers used for validating expressions of DEPs observed in the proteomics study.

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|  Primers used in RT-PCR Validation |
| Name of gene | Primer sequence |
| DEK-Forward Primer | CATACTCCCTCCTCTCGATCTT |
| DEK-Reverse Primer | CGTCAGGTTTCCTCTTGGATAG |
| Lipocalin-Forward Primer | CCTCCTTTCCTTCCCGTTATTC |
| Lipocalin-Reverse Primer | CGTCCTGCTCAGTATCCAAAG |
| SNF7-Forward Primer | TGAGGCTCTTGAAGCTGATATG |
| SNF7-Reverse Primer | GGGTACTGAAGGCAAGCTAAT |
| cytochrome P450-Forward Primer | CCAAGATCCGGAAAGAGATCAA |
| cytochrome P450-Reverse Primer | GTTAAAGGGAAGTGGTGGGTAG |
| photosystem II-Forward Primer | CAACTTCCTCGACCCTGAATG |
| photosystem II-Reverse Primer | GCTCTGCTTCTCTGTACCATTT |
| serine MT-Forward Primer | CTCTTCGGAGGCTTTCTTCTT |
| serine MT-Reverse Primer | GAGACCTCTCCTTGTCATCAAC |
| TCP-1-Forward Primer | TTTGAGGCTATTCCACGTACTC |
| TCP-1-Reverse Primer | GATTCCAGTCCAGGCATTCT |
| zinc knuckle -Forward Primer | GGCAAGTCGAATGAAGCTAAAC |
| zinc knuckle-Reverse Primer | GAACTAGACCAGCATCCAGAATTA |
| plastid active 17-Forward Primer | TGATCACCATCACCACAATGA |
| plastid active 17-Reverse Primer | AGCTCCCTTCGCAAACTATAC |
| Lea protein-Forward Primer | TTAGCCGCCGGAGTTATATTC |
| Lea protein-Reverse Primer | CTGTAGCGAAGCTGAGTAGATG |
| Thioredoxin-Forward Primer | CAATGAACTGGGAGGGAAAGA |
| Thioredoxin-Reverse Primer | GAGATGATTCTCCCTCGTAATGG |
| homeobox-3-Forward Primer | CCTCAGCTTCCTCTTCATCTTC |
| homeobox-3-Reverse Primer | CCACCACCCAAAGAGAGATTAG |