**Primers sequences of differentially expression proteins used in qRT-PCR**

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| **Number** | **Differentially Expression Proteins** |  | **Primer Sequences** | **Fragment Length** |
| 1 | Ribosomal protein L2 | sense | TGCTGTAGCGAAACTGATTGC | 117bp |
|  |  | antisense | ACATTACCCACTTGTCCGACTG |  |
| 2 | Translation elongation factor EF-Tu | sense | CCTTTTAGCCGTCTCATACTCG | 144bp |
|  |  | antisense | CCTTTTAGCCGTCTCATACTCG |  |
| 3 | Molecular chaperone DnaK (HSP70) | sense | AGGACGAGAACGGCAACG | 151bp |
|  |  | antisense | GGGACTGTAACCACTGCTTTTG |  |
| 4 | Peroxiredoxin | sense | GCTGCTGGGCATCTCGTG | 120bp |
|  |  | antisense | ATCGGGAACGTCACCTTCG |  |
| 5 | FoF1-type ATP synthase, beta subunit | sense | ATTGGTGAACCGATTGATGAGA | 130bp |
|  |  | antisense | CCACGACCTTGATTCCAGTAAC |  |
| 6 | Glutamate dehydrogenase/leucine dehydrogenase | sense | TATGGGCACCAACTCACAGAC | 150p |
|  |  | antisense | GCAAACAGAACTCCCCTTCC |  |
| 7 | glyceraldehyde-3-phosphate dehydrogenase/Erythrose  -4-phosphate ehydrogenase | sense | CAAGGGTGGTGCCAAGAAG | 141bp |
|  |  | antisense | GGAGCAAGGCAGTTTGTGG |  |
| 8 | Acetyl-CoA acetyltransferase | sense | AGTGGGCAGAAGGCTCAAGA | 161bp |
|  |  | antisense | TAGAAATCAACACGGGATGACTC |  |
| 9 | 1-deoxy-D-xylulose 5-phosphate reductoisomerase | sense | CATAGCATTGGCAAACAAAGAG | 167bp |
|  |  | antisense | CAGTTAGAATAATGCGACGAAGTG |  |
| 10 | Nucleoside diphosphate kinase | sense | AGAAGCAATCAAGGAGGTCATC | 182bp |
|  |  | antisense | CAGGTCTTTCCAGAACCATAGC |  |
| 11 | actin 2 | sense | TGACCTTACCGACAACCTGATG | 151bp |
|  |  | antisense | GCTGGTCCTGGCAGTCTCC |  |