Table S1. qPCR primers used in this study

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| Gene | Protein Name | Primer Sequence | Size (bp) |
| *rps10* | Ribosomal | F 5’ ACCACTCTTTCACCGTCA 3’ | 172 |
|  | protein S10 | R 5’ TTTGTAGATTGCCCTCCTG 3’ |  |
| *histh2b* | Histone H2B | F 5’CCTTCATCAACGACATCT 3’R 5’GGGAGAATGAGGCGGATT 3’ | 117 |
| *PSP* | Phosphoserine phosphatase/GDPH | F 5’AGCGCCAAAGACAACCAA 3’R 5’ CATGGCCTGGTTTGTGAT 3’ | 212 |