|  |  |
| --- | --- |
| **Table S8. Differentially expressed genes used for RT-qPCR validation** |  |
|  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **Gene ID** | **Gene Name** | **Regulation** |  | **Primer** |  |  |  |
|  |  LOC100240944  |  | Protein phosphatase 2C 49 -like | Down |  | **F** | CCGTAGGTGGTTACATTCT |  |  |
|  |  |  |  |  |  | **R** |  AATCAGGAACTCATCGTCTT  |  |  |
|  | LOC100248525  |  | Protein phosphatase 2C 25- like | Down |  | **F** | AATTCAGAGGAGGACAAGTT  |  |  |
|  |  |  |  |  |  | **R** |  CCACCACCATTACCGTTA  |  |  |
|  | LOC100264240  |  | Corboxyleterase 2-like | Down |  | **F** | GCAAGAGTCCATACCTAAC  |  |  |
|  |  |  |  |  |  | **R** | TACCACAGCGTAGAACAA |  |  |
|  | LOC100260853  |  | Corboxyleterase 8-like | Down |  | **F** | GGTTGTGGAGATGATGGA |  |  |
|  |  |  |  |  |  | **R** | GCGTGGAGTCAATGAAAT |  |  |
|  | LOC100249257  |  | Corboxyleterase120-like | Down |  | **F** | GAAGAATGCCTCAGAACAC  |  |  |
|  |  |  |  |  |  | **R** | CTGCTTCCACCTCTATCC |  |  |
|  | LOC100254982 |  | Corboxyleterase1-like | Down |  | **F** |  GAGTATAGCAATCCGATG  |  |  |
|  |  |  |  |  |  | **R** | CTCTATCACATGGTAATCTC |  |  |
|  | LOC100260659  |  | Corboxyleterase1-like | Up |  | **F** | CTTCCTCTCCTCTTCTACATC  |  |  |
|  |  |  |  |  |  | **R** |  GCAAGCCTATACTCTACTGA  |  |  |
|  | LOC100244884 |  | Corboxyleterase 6 | Up |  | **F** |  AAGTAGCGTCTCTATGATGT  |  |  |
|  |  |  |  |  |  | R | AGTCACAGTTACACCAAGT |  |  |
|  | LOC100264381  |  | Protein phosphatase 2C 40 | Up |  | **F** | CTGAAGAGTTGATGATGATACC |  |  |
|  |  |  |  |  |  | **R** | GAGATGTTGAAGCAGTAGAAG |  |  |
|  | LOC100242244  |  | Protein phosphatase 2C 15-like | Up |  | **F** | AGGAAGACTTAGCATTGTTG  |  |  |
|  |  |  |  |  |  | **R** |  GGTATTGGAACTATGAACTCTC  |  |  |
|  | LOC100253351  |  | Protein kinase and PP2C-like domain containing protein | Up |  | **F** | GAGGAAGGAGATACATACTGAA  |  |  |
|  |  |  |  |  |  | **R** | CAAGAACTGGTCGCAATC |  |  |
|  | LOC100263197  |  | Protein short root transcript varient X2 | Up |  | **F** | TCAATCCTACAACTCCAGTA |  |  |
|  |  |  |  |  |  |  | **R** | GGAAGAAGAAGAAGAGAAGTC  |  |  |
|  | LOC100246825 |  | Vv Actin (Reference gene) |  |  | **F**  TACAATTCCATCATGAAGTGTGATG |  |  |
|  |  |  |  |  |  | **R**  T TAGAAGCACTTCCTGTGAACAATG |  |  |
|  |   |   |   |   |   |   |   |   |