**S2 Table.** Genes analysed by real time qPCR and their respective primers.

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| --- | --- | --- | --- | --- | --- |
| JGI Gene ID | Accession | Description | Orientation | Sequence | Amplicon size (bp) |
| Phatr2\_39432 | XM\_002183333 | PhoD-like phosphatase | forward | TGGCCACCATAGCTTCCTTTGA | 107 |
|  |  |  | reverse | ATTTGTGTTCACCGCACCTACA |  |
| Phatr2\_23830 | XM\_002184974 | Putatively secreted phosphate transporter | forward | TGACAAACTCGAGCTGTACTGG | 128 |
|  |  |  | reverse | CGGCTGTTTGACGCTTTGCGAT |  |
| Phatr2\_32057 | XM\_002177287 | Glycerophosphoryl diester phosphodiesterase | forward | TTTGCCAACTGTATGGGTGCAT | 67 |
|  |  |  | reverse | TTACTGCCTTCAACGGCAACAT |  |
| Phatr2\_51092 | XM\_002182173 | Glutamine synthetase (GSII) | forward | GAAGGTAACGAACTTCGCCTGA | 71 |
|  |  |  | reverse | GGCAACACCGTAGCAAAACTTG |  |
| Phatr2\_49339 | XM\_002183870 | Pyruvate carboxylase 2 (PYC2) | forward | GTGGAACTCGTTTCTATCCAAG | 116 |
|  |  |  | reverse | CGAATCTCCTAACAAGTTCTGG |  |
| Phatr2\_24186 | XM\_002185447 | Exportin 1-like protein (XPO1) | forward | TCTATTGTTTGGGCGATGAAGC | 89 |
|  |  |  | reverse | CTTACCGACATTAACCAGCAGT |  |
| Phatr2\_28684 | XM\_002181523 | u4 tri-snrnp-associated 65 kda protein | forward | AACCTTGATCTTGGCGAGTACG | 100 |
|  |  |  | reverse | GCAACCAAATCGTACTTCTGAC |  |