**Table S2 Sequence-specific primers used in this study**

| Gene | Primer name | Primer sequences(5´→3´) | Gene Bank Access No. |
| --- | --- | --- | --- |
| *GTPCH1 TaA* | Sense | GAGGACCCCCTAAGGAAAGA | EF095153.1 |
| Ant-sense | CTGGGCACAAAATGGCAA |
| *ADCS* | Sense | ATGCTTGCAGAGAGAAACAGC | EF208804.1 |
| Ant-sense | CCGCCCTTACCACCCATAAA |
| *HPPK/DHPS* | Sense | TCTTGGAAGCAATGTGGGGG | EF208803.1 |
| Ant-sense | GGCTGGTCGGTCACATACTC |
| *FPGS* | Sense | CCAAGCAGTGTGGGAGAAAT | EF208805.1 |
| Ant-sense | GGGAGCCAGTAACAAGGACC |
| *Actin* | Sense | GGCGGAGTACGATGAGTCTG | AB181991.1 |
| Ant-sense | GGCCATGCAATTGTGCCAAA |