Table S1 Sequence information of primers for RT-qPCR

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| **Gene** | **Primer** | **Primer sequence（5’-3’）** |
| MAT | MAT-F | TGTCACAAGTCTAGCCGCTG |
| MAT-R | TGAGCCCATCCTCAAAGCTG |
| KASI-2 | KASI-2-F | TATTATGGTAGTTGGTGGGAC |
| KASI-2-R | TATCGGTGCTCCTCTGTTC |
| HAD | HAD-F | CTCCTGCTCCCAGTTCGCAG |
| HAD-R | GGGGTCTCCTTGTTGGGAGC |
| EAR | EAR-F | CAGTCCATTGCCAGGATTGC |
| EAR-R | CCCACGCCTTAAACTGGATTC |
| FATB | FATB-F | TGGGTTAGTGCCTCTGGG |
| FATB-R | TTCCTGCTGTCCTCCTCC |
| SAD6 | SAD6-F | TCTCTGCCCCCTGAAAAAGTC |
| SAD6-R | AAAATACTCGTCCGGTAGCTCA |
| FATA | FATA-F | GGGAAGGGAGAATTGGTAC |
| FATA-R | TATTGTTAGGCTCTGGAAAG |
| FAD2 | FAD2-F | TGGCCAGTTTACTGGTTCGT |
| FAD2-R | TGTGTTAGAGTGGTGACGGC |
| 18SrRNA | 18SrRNA-F  | AAACGGCTACCACATCCA |
|  | 18SrRNA-R | CACCAGACTTGCCCTCCA |