**Table S1.** Primers used for RT-qPCR analysis.

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| Primer names | Primer sequences(5’-3’) |
| *AhFIT-F* | CTT AATTACAATG GATGCTCAC  |
| *AhFIT-R* | GATGAATCTGATCATATGGG  |
| *AhActin-F* | CTGAAAGATTCCGATGCCCTGA |
| *AhActin-R* | AACCACCACTCAAGACAATGTTACCA |
| *AhIRT1-F* | GTTCTCTGCCTTATTCACGCTCAT |
| *AhIRT1-R* | GCCAACACTAACAACAACACCCAT |
| *AhFRO2-F* | ACTAATATTGGGTTTGGTTGGTAACATA |
| *AhFRO2-R**AhAHA4-F**AhAHA4-R**AhNRAMP1-F**AhNRAMP1-R**AhFRO1-F**AhFRO1-R**AhNRAMP3-F**AhNRAMP3-R**AhNRAMP5-F**AhNRAMP5-R**AhYSL3-F**AhYSL3-R**AhABCC3-F**AhABCC3-R* | GGTGAGGCCAAGAAGTGGAAGGGTGAGATAGAAGCAGTTGTGATTTGGAAGTGTCCAACTTGGTTAGTGCCTCATCACTGCCTTCGTATTGCTGTGTTATCCTTGGTCGAAACTGGAGGACGCAGGACTAAATGGGCAGTGAAGAAAGTGAGAAAGGTTGAAAAAATGGATGAGAGCTCAGAACATCTAACGATTGCTCAGTTACTCCCAAACTCAGTGGTCAAGGTGGAGGAAGAGGTTGTGCGTATTTGGAGAACCAGAGGCAGCCGCCAACGATACTGGAATGCTTTCTTCGTTCCTTCGTCTCGTCCCACAAACAGCAACCCTC |