

Table S5 The gene-specific primers used for qRT-PCR in this study

Gene Name	Primer Sequences	Amplicon Length	Span Introns
<i>AtNADK1</i>	F: 5'-TGCTACTGTGACAACATTCGT-3' R: 5'-TTGAATGGCACTTGGACTCTC-3'	218 bp	10
<i>AtNADK2</i>	F: 5'-GTTATGAGCACGACCGTCTTATC-3' R: 5'-TGTGGGCAGATTGGAGTGAAC-3'	151 bp	5, 6
<i>AtNADK3</i>	F: 5'-TCAATTCTGACCCAACACAAGC-3' R: 5'-AGGAACCACTCTGCCAAACAA-3'	146 bp	2, 3
<i>AtTub6</i> (AT5G12250)	F: 5'-ATGTTGTACGCAAAGAGGCTG-3' R: 5'-AAGTGTCGCATTGTATGGCTC-3'	209 bp	1
<i>OsNADK1</i>	F: 5'-GATGGGACTGTTTTATGGGCT-3' R: 5'-CATGGCACTGTAGACGGTTTC-3'	181 bp	7, 8
<i>OsNADK2</i>	F: 5'-TGACTAAACCTAATTCCAACCTCCG-3' R: 5'-ACAATGATGCTGCCATAAAAC-3'	246 bp	5, 6
<i>OsNADK3</i>	F: 5'-CCTTCCTGATTCTGCTCGTCTT-3' R: 5'-CCTTGATAATTGCTGCCTCCTT-3'	100 bp	7
<i>OsNADK4</i>	F: 5'-TGCGTGTATCCAATCCCAAG-3' R: 5'-TAGCCCGTAGAAGAGTGCCAT-3'	201 bp	1
<i>OsActin1</i> (accession ID KC140126)	F: 5'-GTGGTCGCCCTCCTGAAAG-3' R: 5'-GGCTTAGCATTCTTGGGTCCG-3'	170 bp	3