

Table S1. Primer list used in this study.

Primers	Sequences
Co-transcription analysis	
127_128: fwd	5'-CACCGAATTTATCCAGTGCCAACC-3'
127_128: rev	5'-TACCAGTCATGATTTAAATGCGTAG-3'
128_130: fwd	5'-AAATTTGATCATAAAAAACCATGTC-3'
128_130: rev	5'-GCCATTCGAGACGTTTTGCATAAGA-3'
130_131: fwd	5'-CTTGTTGAAAGTTGTCCAAATCTAA-3'
130_131: rev	5'-TAAAAATCACCACGACGCAAGAGTT-3'
131_132: fwd	5'-ATTGAGCGTTTCTTGCGTCCCGTCT-3'
131_132: rev	5'-AAAAGTTCCAATCCCATGTCGTGTC-3'
Quantitative PCR analysis	
ACIAD_0126: fwd	5'-CTGTAAGAGATTCTAACGGCTGTG-3'
ACIAD_0126: rev	5'-AGATGAGGCAATTATTCGCTATGG-3'
ACIAD0127: fwd	5'-TGACCGAGCAACCATC-3'
ACIAD0127: rev	5'-TATCCAGTAGCCAACCG-3'
ACIAD0128: fwd	5'-TGACACCAGAGGCAATACAAC-3'
ACIAD0128: rev	5'-CAGCATAGGCAAGCACTCC-3'
ACIAD0130: fwd	5'-TGGCTGGCTCCGTATG-3'
ACIAD0130: rev	5'-CTTCCTGACTCGCTTCTG-3'
ACIAD0131: fwd	5'-GGTCGCTGCTCTTGCC-3'
ACIAD0131: rev	5'-TGCCGCCTGAATCAACG-3'
ACIAD0132: fwd	5'-GCCGTATTTCTTGCTTCTG-3'
ACIAD0132: rev	5'-TTGACTTCACCCTTGCC-3'
Recombinant protein production	
<i>GDH</i> -fwd	5'-GCAGCCTCAACACCAATCATTTCAG-3'
<i>GDH</i> -rev	5'-TTAACGGACAAGACATGGTTTTTTATG-3'
<i>KDGDH</i> -fwd	5'-GATGCTCTTGAATTAATAAATATTGTTTCTG-3'
<i>KDGDH</i> -rev	5'-TACTGTGGTCCAAGCGTTGC-3'
<i>αKGSADH_ADPI</i> -fwd	5'-AGCGAGAATAACGGTAAACAGTTTATCAATG-3'
<i>αKGSADH_ADPI</i> -rev	5'-TTAATTTTGTGTTAATACACCATTGACCAAGC-3'
<i>αKGSADH_PP</i> -fwd	5'-CCTGAGATCCTCGGCCAT-3'
<i>αKGSADH_PP</i> -rev	5'-TCAGATCGCCCCGTCCTC-3'