Supplemental Table S1 Primers used in this study.

Primer Name	Sequence (5' > 3')
qRT-PCR analysis	
PP2A-RT-s	ACTCCTCTGGCTAAGCGACT
PP2A-RT-a	CGCACCATTGGCATGTCATC
AtCoq9-RT-s	AAGCGATGATGGCTGGTTCA
AtCoq9-RT-a	AGAGCTTGGGGCCATTTTGA
Promoter gateway cloning	
AtCoq9-pro-F	GGGGACAAGTTTGTACAAAAAAGCAGGCTTCTTGC TACACAAGCTACAAGC
AtCoq9-pro-R	GGGGACCACTTTGTACAAGAAAGCTGGGTTCATCG TTCGCCGGAGTAAG
CDS gateway cloning	
AtCoq9-pDonr-F	GGGGACAAGTTTGTACAAAAAAGCAGGCTTC ATGTACCGAACGGCGGCG
AtCoq9-pDoner-R	GGGGACCACTTTGTACAAGAAAGCTGGGTT AAACGCAGAGCCACCACT
Primers used for generating TS19	
ScCoq9-pRS315-F	GGTGGCGGCCGCTCTAGACCGGGTTCAGAGGTAAA AGG
ScCoq9-pRS315-R	GCAGCCCGGGGGATCCGGGACAAGCAGGAAGAAC TA
ScCoq9-E55G-f	GCTCTACAAAAGTTTGTTCCCGGGCACGGTTTC
ScCoq9-E55G-r	GAAACCGTGCCCGGGAACAAACTTTTGTAGAGC
ScCoq9-R107G-f	GTTTCAATTGGTAGATAAAGGGTATCGTTTAAC
ScCoq9-R107G-r	GTTAAACGATACCCTTTATCTACCAATTGAAAC
ScCoq9-Q256L-f	CTACGGTAAATTTAATCAAATCTCTATTAGTTA
ScCoq9-Q256L-r	TAACTAATAGAGATTTGATTAAATTTACCGTAG
Primers used for complementation assays	
ScCoq8-pro-F	TCCACCGCGGTGGCGGCCGCGATCCGGGTGTTCGG A
ScCoq8-pro-R	CTTAACAACATGGGGGATCCCATATCGAACGATATC T
ScCoq8-ter-F	AATACTTCCCCGCTATTTG
ScCoq8-ter-R	TACCGGGCCCCCCCTCGAGCTATTGGCAGAAGGATT
ScCoq3-MTS-F	GGGATCCCCCATGTTGTTAAGATCTAGA
ScCoq3-MTS-R	TGTGCTCTTACATCTCGT
AtCoq9-PRS423-s	ACGAGATGTAAGAGCACAATGTACCGAACGGCGGC G
AtCoq9-PRS423-a	AATAGCGGGGAAGTATTTCAAAACGCAGAGCCACC
HsCOQ9-PRS423-s	CGAGATGTAAGAGCACA ATGGCGGCGGCGGCGGTAT
HsCOQ9-PRS423-a	AATAGCGGGGAAGTATTTCACCGACGCTGGTTTAG

Primers used for generating CRISPR plasmids	
gRNA-F	TGTGGTCTCAATTG GCGAACGATGTACCGAACGG GTTTTAGAGCTAGAAATAGCAAG
gRNA-R	TGTGGTCTCAAGCGTAATGCCAACTTTGTAC