

Table S1. Primers used in this study.

Primer Name	PATC No.	Sequence (5' → 3')
PaUbi-F	PATC150470	TGAACTCCATCGCCTTCCTCTTC
PaUbi-R		TGAAGCATGGCATCAATTTC
PhoT1-qPCR-F	PATC143787	GCACCCTCACCCTCTTCGCCG
PhoT1-qPCR-R		AACTCCGATGCGACCCAGACTCCC
PhoT2-qPCR-F	PATC140643	GCCAGTGTCTTAATCCGCTATGACG
PhoT2-qPCR-R		CATGTCATGCAGAGGAGTCCATCTTCC
PaELIP-F	PATC209823	AGCAAACATGCCGTCCTACAC
PaELIP-R		GGAGACGCAAGAGATGAATATGG
LHCB-qPCR-F	PATC141354	GCCAACTCCATTCTCGGTCA
LHCB-qPCR-R		AGCAGTGTCCCAGCCGTAATCA
PSII-qPCR-F	PATC156580	CAAGACTGACACACCCTATGGACCT
PSII-qPCR-R		CCCTCCAAGTAGTCCAAGTAGTGTC
Pa-D1-F	PAXXG225320	TATCATTGCCTTCATTGTTGCCC
Pa-D1-R		AAGTTCATAAGGACCGCCATTGTAC
PSI-qPCR-F	PATC154904	CCTCGTCGTCATCCTCACAATCT
PSI-qPCR-R		ACACCAGATATGCCTCCAAAGAAGAAAC
RBCS-ch-F	PATC155717	TGATGATCTCATCCGCTACCGC
RBCS-ch-R		CAGGGAGGTATGACAGTGTCTCAAAC
PEPCK-F	PATC138016	GCTTCCTACCCTATCGAGTACATTCC
PEPCK-R		TGGCTTGCGGCTCCTTGAT
Pa-SOD-F	PATC154840	GGCTGCTTGTCAACTGGTGCTC
Pa-SOD-R		GCGTGGACTIONACAACAGCCCTTC
Pa-CAT-F	PATC144989	GGATGATGAAGCTGTGATTGTTGG
Pa-CAT-R		CAGGCTGAAGAGGCAGGATGTC
PaSUT2-F	PATC148938	TACTCAACATTTCATCGTCATCCC
PaSUT2-R		AGTTAGAGCGAGAGAGCCTTGGA