

Table S1

Primers used for Q-rt-PCR

Ubiquitin-protein ligase-like protein, At4g36800

UBI Fw	CTGTTCACGGAACCCAATTC
UBI Rev	GGAAAAAGGTCTGACCGACA

Chlorophyll *a/b* binding protein, Lhcb2.4, At3g27690

Lhcb2.4 Fw	GCCATCCAACGATCTCCTC
Lhcb 2.4 Rev	TGGTCCGTACCAGATGCTC

GOLDEN2-like factor1, At2g20570

GLK1 Fw	TTGGGTCTCCGATTCTCCCTAT
GLK1 Rev	GCAACTGGCGGTGCTCTAAAT

GOLDEN2-like factor2, At5g44190

GLK2 Fw	TATCCAATGCCGGCCATTGC
GLK2 Rev	ATGTCGATGGGAGGATTAGTGGGT

PAPP5, At2g42810

PAPP5 Fw	CGCTGTGTATTGGGCAAATCGTG
PAPP5 Rev	ACCACGCCTGTAATAGCCCTTAG

APX2, At3g09640

APX2-Fw	GGCTGGGACATTTGATGTG
APX2-Rev	AGGGAACAGCTCCTTGATAGG

Primers used for genotyping

CRD-RP	GATTTGGACCACGAATTTGTAACG
CRD-LP	TCTTTAACTCCTTGTTCTCACG
Papp5-RP	CAGCCACTGACTTTAGTCATGC
Papp5-LP	TTCAAGCTCGCGCTATATCAC
Lba1	TGGTTCACGTAGTGGGCCATCG

Primers used for recombinant protein cloning

papp5-TOPO-Fw	CACCATGGAGACCAAGAATGAGAATT
papp5-TOPO-Rev	TTAGTTGAACATCCTGAGAAAGTTG
papp5-TPR-His-F	caccatgCCACAATATTCTGGTGCTAG