Supplemental Table S1. List of primers used in this study

Construction of pET43.1a-AtGLK1-His	
TEV-GLK1-5' SpeI	5'-GGGAACTAGTGAGAACCTGTACTTCCAGGGAATGTTAGCTCTGTCTCCGGCGA-3'
GLK1-3' XhoI	5'-CCCTCTCGAGGGCACAAGACGCGGTCGGAGGA-3'
Construction of pUC-GFP-GGSGGS--GLK1	
5-GLK1 ORF-GGSGGS	5'-GGCAGTGGTGGATCAATGTTAGCTCTGTCTCCGGCGACA-3'
3-pUC GLK1 terminator	5'-GATCGAATTCTCTAGAATCAGGCACAAGACGCGGTCGGAGG-3'
5-pUC FLAG GFP	5'-CACGGGGGACTCTAGATGGATTACAAGGATGACGACGAT-3'
3-GFP GGSGGS Linker	5'-TGATCCACCACTGCCTCCCTTGTACAGCTCGTCCATGCC-3'
Cloning of entire GFP-GGSGGS-GLK1 into pCAMBIA1301	
5-FLAG-GFP for pCAM1301	5'-GGACTCTTGACCATGGATTACAAGGATGACGACGAT-3'
3-GLK1 pCAM1301	5'-GGTGGTGGTGGCTAGCTCAGGCACAAGACGCGGTCGGAGG-3'
Primers for Real Time PCR	
ACTIN2-F	5'-GCACCCTGTTCTTCTTACCG-3'
ACTIN2-R	5'-AACCCTCGTAGATTGGCACA-3'
GFP-F	5'-TCATGGCCGACAAGCAGAAGA-3'
GFP-R	5'-GGGTGTTCTGCTGGTAGTGGT-3'
LHCB1-F	5'-AGCTCAAGAACGGAAGATTGG-3'
LHCB1-R	5'-GCCAAATGGTCAGCAAGGTT-3'
GLK1-F	5'-TTGGGTCTCCGATTCTCCCTAT-3'
GLK1-R	5'-GCAACTGGCGGTGCTCTAAAT-3'