

Table S1 List of forward and reverse primers used for qRT-PCR quantitation of *MPK3*, *MPK6*, *YODA*, *TAN1*, *POK1*, *GCP4* and *EF1 α* gene transcripts, for amplifying of *MPK6* native promoter and *MPK6* genomic DNA for C-terminal and N-terminal GFP fusion.

DESIGNATION	SEQUENCE	USE
EF1 F	5'-TGAGCACGCTCTTCTTGCTTTCA-3'	qRT-PCR
EF1 R	5'-GGTGGTGGCATCCATCTTGTTACA-3'	qRT-PCR
MPK3 F	5'-GACAGAGTTGCTTGGCACACCGA-3'	qRT-PCR
MPK3 R	5'-GGCTGACGTGGGAAGTTGGGA-3'	qRT-PCR
MPK6 F	5'-ACAGCTTCCACCTTATCCTCGCCA-3'	qRT-PCR
MPK6 R	5'-TGGGCCAATGCGTCTAAAACACTGTG-3'	qRT-PCR
YODA F	5'-ATTTTGGGATGGCAAAACATA-3'	qRT-PCR
YODA R	5'-ACCTCAGGTGCCATCCAATA-3'	qRT-PCR
TAN1 F	5'-TGCTTCCTCACCAGGAGATTG-3'	qRT-PCR
TAN1 R	5'-TCTTTGGTGCTATGGCGTCC-3'	qRT-PCR
POK1 F	5'-CTGAGTCTGTTAGCTTCGCGG-3'	qRT-PCR
POK1 R	5'-TCTCAGCCTTATCAAACCTGCAC-3'	qRT-PCR
GCP4 F	5'-TTCACCGGCGATCTCATCGT-3'	qRT-PCR
GCP4 R	5'-ATCAAGTCCCTTCGCTGGGT-3'	qRT-PCR
Mpk6npF	5'- GGGGACAACCTTTGTATAGAAAAGTT GCAGAAGAGACCCAAGTATCAGAAG -3'	MultiSite Gateway®
Mpk6npR	5'- GGGGACTGCTTTTTTGTACAAACTTGC CGCGTAAAGATGAAAGCTTTTGAGG -3'	MultiSite Gateway®
Mpk6ctF	5'- GGGGACAAGTTTGTACAAAAAAGCA GGCTCAATGGACGGTGGTTCAGGTC -3'	MultiSite Gatewayv
Mpk6ctR	5'- GGGGACCACTTTGTACAAGAAAGCTG GGTTTTGCTGATATTCTGGATTGAAAGC -3'	MultiSite Gateway®
Mpk6ntF	5'- GGGGACAGCTTCTTGTACAAAGT GGGCATGGACGGTGGTTCAGGTC -3'	MultiSite Gateway®
Mpk6ntR	5'- GGGGACAACCTTTGTATAATAAAGT TGCATCTCCCAAATGCTGTTCTTC -3'	MultiSite Gateway®