

Supplementary materials

Table S1. cDNA Reverse transcription reaction system

Reagent	Quantity
All-in-one 5X RT MasterMix	4 μ l
Total RNA	1-2 μ g
RNase-free Water	up to 20 μ l
Total volume	20 μ l

Table S2 qPCR reaction system

Reagent	Quantity
Forward Primer(10 μ M)	0.4 μ l
Reverse Primer(10 μ M)	0.4 μ l
2X SYBR Green <i>Pro Taq</i> HS Premix	10 μ l
Template (cDNA)	0.4 μ l
RNase-free water	up to 20 μ l
Total volume	20 μ l

Table S3 qPCR reaction program

Temperature	Time	Cycle index
95°C	30s	1
95°C	5s	40
60°C	30s	

Table S4. Primers used in this study.

Primer	Function	Sequence(5'-3')
EF1 α -1	Internal reference primer	F:GACGGCATCTCTAGAGGCCA
EF1 α -2	Internal reference primer	R:CAGTCAACTTCCGGTCACCG
qP-1	RT-qPCR primer	F:AGGCTCTATACTCCAAACTTCATTCTC
qP-2	RT-qPCR primer	R:TTCGTGTAGCTGATCTGGTAGGG
WRKY6-F	PCR amplification primer	F:ATGGAAATAAACAAGAAAAAAGTGGTG
WRKY6-R	PCR amplification primer	R:TTAGATCTCGTGCCAAACCAAAGC
T-1	PCR target-1 primer	F:TGGTTTCGGTTGATGGTCTCG
T-2	PCR target-1 primer	R:AACTGCCTCGTCGTTTCCTTGATA
T-3	PCR target-2 primer	F:CCATCGAGTTGTCCTTGATTCTAA
T-4	PCR target-2 primer	R:CCAAACCAAAGCAGGGGTC
P-1F	ChIP-qPCR primer	F:CGGAGAAGATGAAGGTGAGATTTGC
P-1R	ChIP-qPCR primer	R:CACATTTACAGTTTCCCATACGTG
P-2F	ChIP-qPCR primer	F: TGTGTGGTTATAAAATCGTCGCT
P-2R	ChIP-qPCR primer	R: CCTTTACTTTTTCGACACGGACA
P-3F	ChIP-qPCR primer	F:CAACCACTCGATCATCAAGATACGG
P-3R	ChIP-qPCR primer	R:AAATCACCTCCCTTTACAGCATCAC
Actin-F	ChIP-qPCR primer	F: TTTTGGTATCTGGTCTCTGGAG
Actin-R	ChIP-qPCR primer	R: CCATTCAAGCGACAGACTCA

GST-1	RT-qPCR primer of <i>DgGST</i>	F:GGCAAACCGATATGTGAGTCCA
GST-2	RT-qPCR primer of <i>DgGST</i>	R:GCATAGGCATCAACAGGAAACAA
POD-1	RT-qPCR primer of <i>DgPOD</i>	F:GAGTTATTCAATGGTGGTTCAACAGA
POD-2	RT-qPCR primer of <i>DgPOD</i>	R:CACTAGCAAAGTCACGGAAGAAAGTAG
