

Table 2S. Primer pairs used in this study. RT: real-time RT-PCR. G: Genomic DNA. RCA β : *ZmRCA β* . *Actin*: reference gene. Promoter: the promoter of *ZmRCA β* .

Primers name	Forward primer sequence	Reverse primer sequence
RT-RCA β	CCGAACTAAAAAGCACAAGAAATG	CAGCCATCGCCTTGAACCT
RT-actin	GATGATGCGCCAAGAGCTG	GCCTCATCACCTACGTAGGCAT
G-Promoter	CGCAGTACACGGTGAACAAC	TGCTGGTCGTCCGAGATG
G-RCA β	TGATTAGGCTTGGATGATGCG	GGGATACTCCGTCAGATAGGGT