

S3 Table. Primers used for construction of *TaCRT* plant expression vector and transgenic plants detection

<i>TaCRT1</i> segments	Sequence of primer pairs (5'-3')
ORF	CTTA <u>AGATCT</u> CGGGGTAAAGGCTTCCAC/TATT <u>GGATCC</u> GAGCTCATCGTG
SS region	CTGA <u>ACTAGT</u> CGGGGTAAAGGCTTCCAC/ ACTAT <u>CTAGAG</u> ACGTCGGCGCTGAC
P-, C-domain and HDEL	CTACT <u>CTAGA</u> AATGGATATTCTTCTCCC/ TATT <u>GGATCC</u> GAGCTCATCGTG
C-domain and HDEL	CGCAT <u>CTAGA</u> AATGGATGATCCTTACATCTA/ TATT <u>GGATCC</u> GAGCTCATCGTG

The underlined sequences represented the inserted *Bgl*III, *Spe*I, *Xba*I and *Bam*HI sites, respectively.