

Table S1. List of primers used for the identification of T-DNA elements in the study.

Primer	Sequence 5' – 3'	Amplified region, primer orientation
Actin-F1	GGATCCGATGGCTGACGGTGAGGACATCCAG	<i>HvACTIN1</i> , forward
Actin-F2	CCATGGAGAAGCACTTCCTGTGGACGATCG	<i>HvACTN1</i> , reverse
FokI-F1	ATCGAGATCGCCCGAACAGCACC	<i>FokI</i> gene, forward
FokI-R	ATCATCTCGCCCGGATCAGGAGC	<i>FokI</i> gene, reverse
GH-35S-R1	GAGGCATCTTGAACGATAGC	<i>CaMV 35S</i> promoter, reverse
GH-YFP-TALEN-F2	CGACTTTAAAGAAGATGGTA	<i>yfp</i> TALEN-right unit, forward