

Table S1. Primer list used in this study

T-DNA detection PCR

Primer name	SEQ(5'-3')
Basta_FP	TCAGATTTCCGGTGACGGGCA
Basta_RP	ATGAGCCCAGAACGACGC
Cas9_center_F	GAAGATCGAGAAGATCCTGA
Cas9_center_R	GAAGTCCTTGTCTTCTGATGA

Amplicon deep sequencing

Primer name	SEQ(5'-3')
SG75_F for G1 nested PCR	TTGTTTGGGTAAATAATCATCGTTT
SG76_R for G1 nested PCR	CACCCAGTACTCCTTTTTTCTT
SG77_F for G2 nested PCR	CATTATTAGATACATCTTGAAATAAAATTG
SG78_R for G2 nested PCR	CACCCAGTACTCCTTTTTTCTC
SG139 for G1 2nd PCR	ACACTCTTTCCCTACACGACGCTCTTCCGATCTGGTATATGGGGTTCCTCGGG
SG140 for G1 2nd PCR	GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTTCTTTTTTCCCCAAATTTCCG
SG141 for G2 2nd PCR	ACACTCTTTCCCTACACGACGCTCTTCCGATCTTAGCAAATTCATAGACAGAGC
SG142 for G2 2nd PCR	GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCTTGATGAGAGTTTTCTGGTGC