

Table S1. Primers used in this study

Primer name	Primer ssequence (5'→3')
IbActin-F:	AGCAGCATGAAGATTAAGGTTGTAGCAC
IbActin-R:	TGGAAAATTAGAAGCACTTCCTGTGAAC
IbKUP11-qPCR-F:	CCTTTTGAAGATGAATAACAGC
IbKUP11-qPCR-R:	CTGCTTGCTCTAATGACTGTG
IbKUP11-SacI-F:	CGAGCTCATGCTGGTCACCACTTCTGAT
IbKUP11-XbaI-R:	GCTCTAGATACATAGAAAATCTGTCCAACATTC
IbHAK11-T-F:	GGTCGCGGAGGCTATGGATGC
IbHAK11-T-R:	GCTTCTGCGGGCGATTTGTGT
Atactin-F	GCACCCTGTTCTTCTTACCGA
Atactin-R	AGTAAGGTCACGTCCAGCAAGG
AtCAT-F	GCAACTACCCCGAGTGGAAG
AtCAT-R	TGTTTCAGAACCAAGCGACCA
AtGPX8-F	ATGGCGACGAAGGAACCAG
AtGPX8-R	ATCGCCGAAGATCCCCATT
AtP5CS-F	ATGATCTTATTTATGTTCTGC
AtP5CS-R	CACTATCTTCCGTCCTAT
AtP5CR-F	AGTTTAGCTTCACAGACCGTTC
AtP5CR-R	GCTCTGTGAGAGCTCGCGGCTTC
AtDHAR-F	ATGGTCCTTTTATCGCCGGG
AtDHAR-R	GCCCATCCAGAGATCACACA
AtAPX-F	CTCTGGGACGATGCCACAAG
AtAPX-R	CTCGACCAAAGGACGGAAAA
AtPOD-F	TCCGGGAGCCACACCATTGG
AtPOD-R	TGGTCGGAATTCAACAG
AtSOD-F	ATGAGAAGTTCTATGAAGAG
AtSOD-R	GTCTTTATGTAATCTGGT

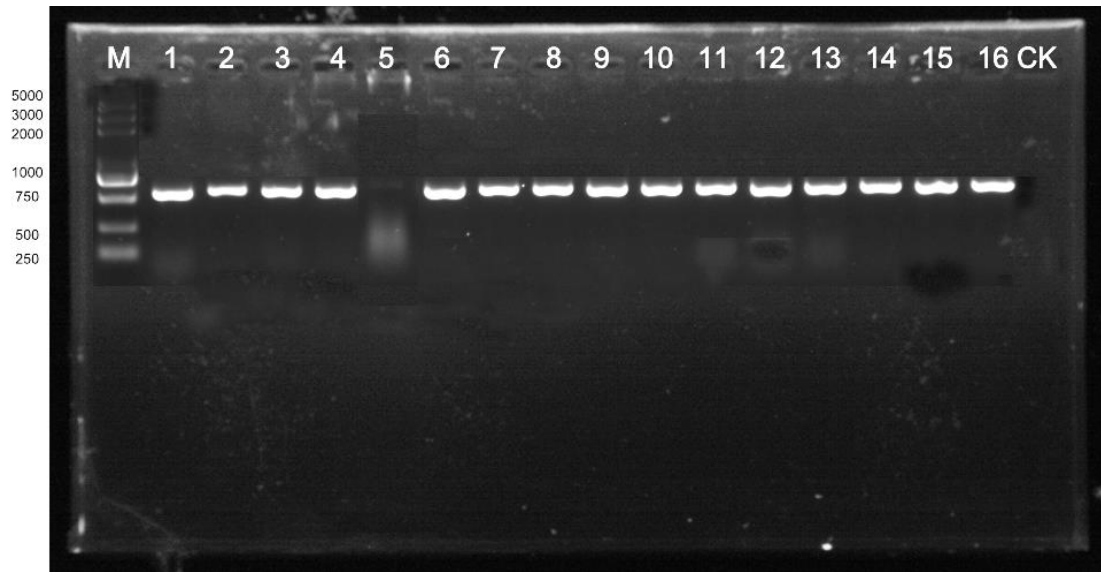


Figure S1. PCR identification of *IbHAK11* transgenic plants. M, DNA marker; CK, negative control; 1-16, candidate transgenic plants.