

The sweet potato transcription factor *IbbHLH33* enhances chilling tolerance in transgenic tobacco

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Electronic Supplementary Material (ESM)

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Table S1. Primers used for *IbbHLH33* gene cloning and functional analysis

Primer name	Primer sequence (5'–3')
IbbHLH33-F	ATGGAGCCTATACAGCAACAAG
IbbHLH33-R	CTATACCAACCCATGGAAGG
IbbHLH33-YF	AGGAACCAAAGGGTTCGCAT
IbbHLH33-YR	CACGTACCAGGAAGCACTGT
IbActin-F	AGCAGCATGAAGATTAAGGTTGTAGCAC
IbActin-R	TGGAAAATTAGAAGCACTTCCTGTGAAC
IbbHLH33-OE-F	ACGGGGGACGAGCTCGGTACCATGGAGCCTATACAGCAACAAG
IbbHLH33-OE-R	TTGCTCGACTCTAGAGGATCCCTATACCAACCCATGGAAGG
IbbHLH33-GFP-F	ACGGGGGACGAGCTCGGTACCATGGAGCCTATACAGCAACAAG
IbbHLH33-GFP-R	CATGTCGACTCTAGAGGATCCTACCAACCCATGGAAGG
NtActin -F	CCTGAGGTCCTTTTCCAACCA
NtActin -R	GGATTCCGGCAGCTTCCATT
NtSOD-F	TCCTCCCCAGGTTTCGGAATA
NtSOD-R	TGCGCTACATTTGGCAAGAG
NtPOD-F	GGACAAATGGAGAGATTCGTTCAG
NtPOD-R	TGCTGACTTGGCCTACCAAC
NtP5CR-F	AAGAGCGTGGCACAATCACT
NtP5CR-R	AGCTTTTCTCGAGTTTCTTCTGC
NtZEP-F	CAACAGCAGAACTGAGCCAT
NtZEP-R	AACAATGACCAATAACTCCAGGC