

Supplementary Table S1. Primers sequences used for gene cloning and for identification of transgenic lines.

Primer names	Primer sequence (5' - 3')
PtoHsfB1-F	5'- GAGAACACGGGGGACTCTAGAATGGCGCAGAGGTCAGCTC -3'
PtoHsfB1-R	5'-GGACTGACCACCCGGGGATCCATTACAGATCTTGATTCCTTTGCAC-3'
35S	5' -GACGCACAATCCCACTATCC-3'
PtoActin-qF	5'-CTCCATCATGAAATGCGATG-3'
PtoActin-qR	5' -AGCCGTCTCCAGCTCTTGC-3'
PtoHsfB1-qF	5' -GCATCCTCTTCGTCCAAC-3'
PtoHsfB1-qR	5' -TCACCTTGACATACTCCGTC-3'