

a

AtHSBP Sec. str CCCCCCCCCC#####CC
Seq MDGHDSEDTKQSTADMTAFVQNLQMQTRFQTMSESIITKIDDMGGRINELEQSINDLRAEMGVGTPPPASKSGDEPKTPASSS

SIHSBP1 Sec. str CCCCCCCCCC#####CCCCCCCCCCCCCCCCCCCC#####CC
Seq MDGHDGDN TKQSTADMTVFVQNLQMQTRFQTMSESIISKIDEMGNRI DELEQSINDLRGEMGQDGAPSPSPASLKPKEEAKPADSSA

SIHSBP-L Sec. str CSSSS#####CCCCCCCCCCCCCCCCCCCC#####CCCCCCCC#####CCCCCCCC#####CCCCCCCC#####CCCC
seq MVRILSLIALNFFQKQNVNRKFRKQGRGMDGVRDGHADNTKQSTADMTVEFVSTEFASTNDQFGVLDNAALDDMGNRI DELEQSINDLRIEMGQ
Sec. str CCCCCCCCCCCCCCCCCCCCCC
Seq EGSSPSAALKSKDDTKSADSSA

H:Helix; S:Strand; C:Coil

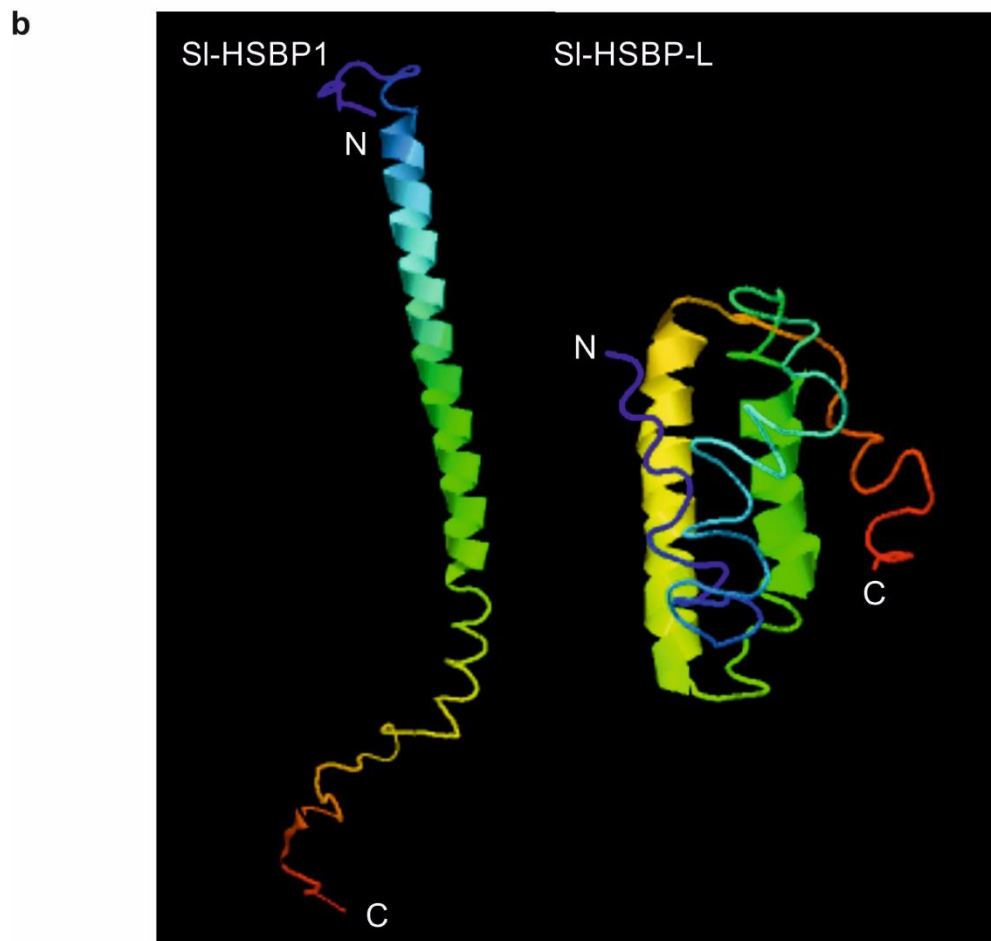


Figure S1. Secondary structure of tomato HSBP proteins. (a) Sequence and predicted secondary structure of *A. thaliana* and tomato HSBP proteins. C: Coil, H: Helix and S: strand. (b) Secondary structure was predicted and visualized by I-TASSER.

Table S1. Oligonucleotides used in this study

Gene (accession ID)	Name	Sequence (5' > 3')	Amplicon length (bp)
EF1a (Solyc06g005060)	EF1a-F	GGAACCTGAGAAGGAGCCT	158 bp
	EF1a-R	CAACACCCACAGCAACAGT	
Actin (Solyc11g005330)	Actin-F	GCTGACCGTATGAGCAAGG	72 bp
	Actin-R	CGGTGGAGCAACAACCTTA	
HSBP1 (Solyc12g09957)	SIHSBP1-F	GACAATGTCCGAATCAATC	161 bp
	SIHSBP1-R	TGCACTAGAATCATCTGCTG	
HSBP-L (Solyc01g06790)	SIHSBP-L-	TGGAGTCCTTGACAATGCTG	161 bp
	SIHSBP-L-	CAGAATCATCAGCAGATTTT	
Hsp70-1 (Solyc06g07602)	Hsp70-1-F	GCTCGAGGGCATCTGTAATC	164 bp
	Hsp70-1-R	GAAACCAACTAGTATCTTTA	
Hsp70-5 (Solyc04g01144)	Hsp70-5-F	GGAAGTGGACTAAGCTCCA	123 bp
	Hsp70-5-R	CGAAGGATATTTCTACATAC	
HsfA2 (Solyc08g062960)	HsfA2-F	AGGTGGATCCTGACAGATG	128 bp
	HsfA2-R	GCAAGCACCAGATCCTTGTT	