Supplementary Material Table 4. Functionally characterized At-bHLH proteins.
Information summary on the Arabidopsis bHLH proteins whose biological function has been investigated.
Protein names are abbreviated as follows: PIF3 (Phytochrome Interacting Factor 3); PIF4 (Phytochrome Interacting Factor 4); HFR1 (long Hypocotyl in Far Red 1); ALC (Alcatraz); SPT (Spatula), TT8 (Transparent Testa 8); GL3 (Glabra 3); AMS (Aborted Microspores); BEE 1,2,3 (BR Enhanced Expression 1, 2 and 3); ICE1 (Inducer of CBF Expression 1).

Name given	Entry number in this paper	AtbHLH number	Process regulated	Reference
PIF3	100	8	Phytochrome signaling	(Ni *et al.*, 1998)
PIF4	102	9	Phytochrome signaling	(Huq and Quail, 2002)
HFR1	68	26	Phytochrome signaling	(Fairchild *et al.*, 2000)
ALC	98	73	Fruit dehiscence	(Rajani and Sundaresan, 2001
SPT	99	24	Development of carpel margin tissues	(Heisler, *et al.*, 2001)
TT8	32	42	Anthocyanin biosynthesis	(Nesi *et al.*, 2000)
GL3	31	1	Trichome development, root hair spacing	(Payne *et al.*, 2000)
AMS	48	21	Microspore development	(Sorensen *et al.*, 2003)
AtMYC2	38	6	ABA induced gene expression	(Abe *et al*., 2003)
BEE1	77	44		
BEE2	80	58	Brasinosteroid signaling	(Friedrichsen *et al*., 2002)
BEE3	76	50		
ICE1	45	116	Chilling and freezing tolerance	(Chinnusamy *et al*., 2003)