

Supplemental Tables

Supplemental Table S1. PAR1-interacting bHLH proteins identified in the Y2H screen.

AGI	Name	Family ⁽¹⁾	# Clones ⁽²⁾	Category ⁽³⁾
At1g73830	BHLH050 (BEE3)	XII	26	A
At2g42300	BHLH048	XII	15	A
At3g57800	BHLH060	XII	6	A
At4g36540	BHLH058 (BEE2)	XII	6	A
At5g48560	BHLH078	XII	16	A
At3g24140	BHLH097 (FAMA)	I	3	B
At5g53210	BHLH098 (SPEECHLESS)	I	7	B
At1g02340	BHLH026 (HFR1)	VII	4	B
At4g29100	BHLH068	X	4	B
At1g03040	BHLH007	XI	4	B
At4g30980	BHLH069	XI	6	B
At1g10120	BHLH074	XII	7	B
At1g18400	BHLH044 (BEE1)	XII	8	B
At1g62975	BHLH125	I	4	D
At1g12860	BHLH033	III	1	D
At2g28160	BHLH029 (FIT/FRU)	III	3	D
At5g57150	BHLH035	III	1	D
At3g59060	BHLH065 (PIF5/PIL6) ^{(4) (5)}	VII	2	D
At4g33880	BHLH085	VIII	1	D
At4g09180	BHLH081	IX	1	D
At3g20640	BHLH123 (NAN)	X	1	D
At2g18300	BHLH064	XII	2	D
At3g07340	BHLH062	XII	1	D
At1g05805	BHLH128	IX	3	N/A
At1g35460	BHLH080	IX	3	N/A
At1g68920	BHLH049	XII	1	N/A
At3g23690	BHLH077	XII	7	N/A
At5g62610	BHLH079	XII	1	N/A

(1) According to Heim et al., 2003.

(2) Number of positive clones (with a complete or a partial sequence) identified in the screen.

(3) Hybrigenics Global PBS Category:

A, Very high confidence in the interaction

B, High confidence in the interaction

D, Moderate confidence in the interaction

N/A, PBS score cannot be attributed

(4) Found to interact with HFR1 in this work.

(5) Found to interact with HFR1 by Hornitschek et al., 2009.

Supplemental Table S2. HFR1-interacting bHLH proteins identified in the Y2H screen.

AGI	Name	Family ⁽¹⁾	# Clones ⁽²⁾	Category ⁽³⁾
At1g09530	BHLH008 (PIF3)	VII	1	N/A
At2g20180	BHLH015 (PIF1/PIL5) ⁽⁴⁾	VII	14	A
At2g43010	BHLH009 (PIF4) ⁽⁵⁾	VII	19	A
At3g59060	BHLH065 (PIF5/PIL6) ⁽⁴⁾	VII	146	A
At3g62090	BHLH132 (PIF6/PIL2)	VII	2	D
At4g00050	BHLH016 (PIF8/UNE10)	VII	24	A

(1) According to Heim et al., 2003.

(2) Number of positive clones (with a complete or a partial sequence) identified in the screen.

(3) Hybrigenics Global PBS Category (see Table S1).

(4) Found to interact with PAR1 in this work.

(5) Found to interact with PAR1 by Hao et al., 2012.

Supplemental Table S3. Primers used in this work for qPCR analyses.

Gene	Primer	Sequence
At5g17230 (<i>PSY</i>)	TO34	GAC ACC CGA AAG GCG AAA GG
	TO35	CAG CGA GAG CAG CAT CAA GC
At5g11260 (<i>HY5</i>)	MOH5F	CAA GCA GCG AGA GGT CAT CA
	MOH5R	CAT CGC TTT CAA TTC CTT CTT TG
At2g42870 (<i>PAR1</i>)	BO109	CAC CGT CAT GCT CAG CCA
	BO110	TCG GTC TTC ACG TAC GCT TG
At1g02340 (<i>HFR1</i>)	BO89	GAT GCG TAA GCT ACA GCA ACT CGT
	BO90	AGA ACC GAA ACC TTG TCC GTC TT
At5g25760 (<i>UBC</i>)	TO42	CTG CTT GGA CGC TTC AGT CTG
	TO43	CGC AGT TAA GAG GAC TGT CC