Table S4. Primer pairs used to generate constructs for Y1H and Y2H assays

Gene		Sequence (5' > 3') (restriction sites are underlined)	Vector and restriction site
VIP1	Fw	GCCAGTGAATTCATGGAAGGAGGAGGAAGAGG	pGADT7-Rec *Eco*RI-*Xho*I
	Rv	[*1]CCCCGTCGACAGCCTCTCTTGGTGAAATCC	pGBKT7 *Eco*RI-*Sal*I
VIP1ΔN80	Fw	GAGGAATTCATGTCCGTTGATTCGGAAGA	pGBKT7
	Rv	[*1]CCCCGTCGACAGCCTCTCTTGGTGAAATCC	*Eco*RI-*Sal*I
VIP1ΔN164	Fw	GGTGAATTCTCGATTTTAGCTTCTGTGAGTGG	pGBKT7
	Rv	[*1]CCCCGTCGACAGCCTCTCTTGGTGAAATCC	*Eco*RI-*Sal*I
AtbZIP52	Fw	CTCCATATGGAGAAATCAGATCCTCC	pGADT7-Rec *Nde*I-*Sac*I
	Rv	[*2]GGAAACAGCTATGACCATGATTAC	pGBKT7 *Nde*I-*Sal*I
AtbZIP69	Fw	CTCCATATGGATAAGGAGAAATCTCCTGC	pGADT7-Rec *Nde*I-*Bam*HI
	Rv	[*2]GGAAACAGCTATGACCATGATTAC	pGBKT7 *Nde*I-*Bam*HI
PosF21	Fw	CCACCCATGGATAAGGAGAAATCTCCAGC	pGADT7-Rec *Nco*I-*Xba*I
	Rv	GGGACTAGTGTTCTCTTTCTGGGCTTGTG	pGBKT7 *Nco*I-*Sal*I
AtbZIP29	Fw	CCTCATATGGGTGATACAGAGAAGTGT	pGADT7-Rec *Nde*I-*Bam*HI
	Rv	[*2]GGAAACAGCTATGACCATGATTAC	pGBKT7 *Nde*I-*Bam*HI
AtbZIP30	Fw	CTCCATATGGGTGGTGGTGGTGATAC	pGADT7-Rec *Nde*I-*Bam*HI
	Rv	[*2]GGAAACAGCTATGACCATGATTAC	pGBKT7 *Nde*I-*Bam*HI

[*1]These are identical and specific to the 3' end of *VIP1* ORF.

[*2]These are identical and specific to the sequence of the vector for RIKEN cDNA clones. These clones have either a *Bam*HI or a *Sac*I site at the 3'-flanking region of cDNA sequences. The ORF of *AtbZIP52* were amplified by PCR using the RIKEN cDNA clone as template and the listed primers, and inserted into the *Nde*I-*Sac*I site of pGADT7-Rec. This construct was digested by *Nde*I and *Xho*I, and the resultant DNA fragment containing *AtbZIP52* ORF was inserted into the *Nde*I-*Sal*I site of pGBKT7. The ORFs of *AtbZIP69*, *AtbZIP29* and *AtbZIP30* were obtained by PCR using the RIKEN cDNA clones as template and listed primers, digested by *Nde*I and *Bam*HI, and inserted into the *Nde*I-*Bam*HI site of pGADT7-Rec and pGBKT7.