

**Table 2: List of primers used in this work**

Purpose	Gene	Information	Primer Orientation	Sequence (name)		
<b>cDNA isolation</b>	<i>GeBP and GPL1</i>		forward	ggggacaagtttgtaaaaaagcaggcttcgaattcgaataagcatggtgactccgaagcagatcgat		
			reverse	ggggaccactttgtacaagaagctgggtcgtcgaccttaattaactatcattagctgcctctgcaagcttgg		
	<i>GPL2</i>		forward	ggggacaagtttgtaaaaaagcaggcttcgaattcaattgacaatggcgactccgacggagctagggttctc		
			reverse	ggggaccactttgtacaagaagctgggtcgtcgacctattaccatcattgctgcctctgcaagc		
	<i>GPL3</i>		forward	ggggacaagtttgtaaaaaagcaggcttcgaattccaccgatcaatggttggtacgaagagagttgctgattcc		
			reverse	ggggaccactttgtacaagaagctgggtcgtcgaccttaattaaggagaactcctaagttgcaagctttgc		
<b>Dimerization domain mapping</b>	<i>GeBP</i>	Central domain deletion	forward 1	ctcgagccatggtgactccgaagcag (A1)		
			reverse 1	gcggccgccggcgatccaatttctc (A3)		
			forward 2	gcggccgcacaaggtgatgatggt (A4)		
			reverse 2	gaattcctaactatcattagctgc (A2)		
		Coiled-coil deletion	forward 1	ctcgagccatggtgactccgaagcag (A1)		
			reverse 1	gcggccgctcccaaatcatcgaaga (A8)		
			forward 2	gcggccgcaaaacaacagagaatggg (A9)		
			reverse 2	gaattcctaactatcattagctgc (A2)		
		C-terminal domain deletion	forward	ctcgagccatggtgactccgaagcag (A1)		
			reverse	gaattcaagctgcaactctttgataac (A7)		
		C-terminal domain alone	forward	ctcgagccatggtgactccgaagcag (A1)		
			reverse	gaattcgagagacatgataggacaatgatgatga (480)		
		Wild-type primers	forward	cggattcaatgggactagtgtgaaaagag		
			reverse	tccccgggatcttctacattgtaatatcttggat		
		G <sub>263</sub> , L <sub>270</sub> & L <sub>277</sub>	forward mutant	gaaccttgcaaatggtaaaaagaagagaggcagtgatgaatggaaagcggcatg		
			reverse mutant	catgccgcttccattcatcactgcctctctttaccattgcaaggttc		
		L <sub>256</sub>	forward mutant	aagttgcaggctgagaagct		

<b>Leucine zipper mutagenesis</b>	<i>GeBP</i>		reverse mutant	agcttctcagcctgcaactt
		G <sub>263</sub>	forward mutant	gatgaaccttgcaaatggtaa
			reverse mutant	ttaccatttgcaaggttcac
		L <sub>270</sub>	forward mutant	gaagagaggcgagtgatgaa
			reverse mutant	ttcatcactcgctctcttc
		L <sub>277</sub>	forward mutant	tggaaagcggcatgtgttga
			reverse mutant	tcaacacatgccgctttcca
		F <sub>284</sub>	forward mutant	ggaaacaagagccaatatcaag
			reverse mutant	cttgatattggctctgtttcc
		F <sub>291</sub>	forward mutant	agcttagagcttccgcca
			reverse mutant	ttggcggagctctaagct
<b>Promoters</b>	<i>GPL1</i>		forward	ggggacaagttgtacaaaaagcaggctaagctttagaagcatttaggaagaagagg
			reverse	ggggaccactttgtacaagaaagctgggtactagtggtaattgctttacacttgctgatt
	<i>GPL2</i>		forward	ggggacaagttgtacaaaaagcaggctaagcttcgtctatatctcatgttgaatcat
			reverse	ggggaccactttgtacaagaaagctgggtactagtgtcaattgcttactttatactt
	<i>GPL3</i>		forward	ggggacaagttgtacaaaaagcaggctaagcttggtaaaaagttgtacactctttgc
			reverse	ggggaccactttgtacaagaaagctgggtgctagctgatcgggatgaagatcaaaact
<b>Mutant identification</b>	<i>GeBP</i>		forward	cctatnttgccttctttctctc (GT-F)
			reverse	ggagaatctctcaacgatagaacttc (GT-R)
	Ds transposon in <i>gebp</i> alleles		5' border	tacgataacggtcggtac (DS5)
			3' border	ccgtcccgaagttaaatatg (DS3)
	<i>GPL1</i>		left primer	aacgtccgcaatgtgttattaagttgtc (W391LP)
			right primer	tctttgtgcacttcttctggcct (W391RP)
	T-DNA in <i>gpl1-1</i>		left border (2 left borders)	aacgtccgcaatgtgttattaagttgtc (P745)
	<i>GPL2</i>		left primer	tctgaattctgaatccagaatccatc (183LP2)
			right primer	attegagctctgttttagctegaaa (183RP2)
	T-DNA in <i>gpl2-1</i>		left border	tggtcacgtagtggccatcg (LBa1)
			right border	gctagctgatagtgaccttagcgcacttttg (183RB1)
	<i>GPL3</i>		left primer 1	tggaccaagccaaggtgagtg (885LP1)
			left primer 2	cgagattgataatggtgtgagagag (885LP2)
			right primer	gaacggatcgtggatacatcatg (885RP2)

	T-DNA in <i>gpl3-1</i>		left border	gccttttcagaaatggataaatagccttgctcc (LB1)
<b><i>GeBP/GPL</i></b> transcript levels in mutants	<i>GeBP</i>		forward	cctatTTTgcttctTTTtctctc
			reverse	tacgataacggtcggtac
	<i>GPL1</i>		forward	agactgctcggaaagcacagcagc
			reverse	tgcccaaacagaacaagacaac
	<i>GPL2</i>		forward	gaaacagcaacagaagaagaaacg
			reverse	ctcatcctcctcaaacacctcc
	<i>GPL3</i>		forward	tgtgaggagcaagagcgagc
			reverse	gctcttgctcctcacaaggca
<i>EF1</i>		forward	atgccccaggacatcgtgatttcat	
		reverse	ttggcggcacccttagctggatca	
<b><i>ARR</i></b> transcript levels	<i>ARR5</i>			(Kim et al., 2006)
	<i>ARR6</i>			
	<i>ARR7</i>			
	<i>Actin8</i>			