

Supplemental Table S3. Constructs used in this paper.

Plasmid	Description	Selection/Host	Backbones/reference
pHW101	35S:: <i>SGB1</i> in plant expression binary vector	Spec/ <i>E. coli</i> Spec/GV3101 Basta/plant	pB2WG (Karimi et al. 2002)
pHW104	<i>SGB1</i> cDNA in pENTR TM /D-TOPO vector	Kan/TOP10	pENTR TM /D-TOPO (Invitrogen, Calsbad)
pHW106	<i>SGB1</i> promoter (<i>NotI</i>) in pENTR TM /D-TOPO vector	Kan/TOP10	pENTR TM /D-TOPO (Invitrogen, Calsbad)
pHW116	<i>SGB1</i> cDNA flanked with <i>XmaI</i> , and with modified codons for yeast in pENTR TM /D-TOPO vector	Kan/TOP10	pENTR TM /D-TOPO (Invitrogen, Calsbad)
pHW117	Yeast p <i>ADH</i> :: <i>SGB1</i> -antisense in <i>E. coli</i> /yeast shuttle vector	Amp/DH5 α ; URA dropout /yeast	p416-ADH (Mumberg et al. 1995)
pHW118	Yeast p <i>ADH</i> :: <i>SGB1</i> -sense in <i>E. coli</i> /yeast shuttle vector	Amp/DH5 α ; URA dropout /yeast, requires 25°C	p416-ADH (Mumberg et al. 1995)
pHW123	<i>SGB1</i> fusion in pENTR TM /D-TOPO	Kan/TOP10	pENTR TM /D-TOPO (Invitrogen, Calsbad)
pHW128	p <i>SGB1</i> :: <i>SGB1</i> -CFP in plant expression vector	Hyg+Kan/GV3101 Hyg/plant	pGWB43 (Research Institute of Molecular Genetics, Matsue, Japan)
pHW129	p <i>SGB1</i> :: <i>SGB1</i> -YFP in plant expression vector	Hyg+Kan/GV3101 Hyg/plant	pGWB40 (Research Institute of Molecular Genetics, Matsue, Japan)
pHW130	p <i>SGB1</i> :: <i>SGB1</i> -GUS in plant expression vector	Hyg+Kan/GV3101 Hyg/plant	pGWB3 (Research Institute of Molecular Genetics, Matsue, Japan)
pHW136	p <i>SP6</i> :: <i>SGB1</i> -myc (sense) in oocyte expression vector	Amp/ DH5 α	pXFRM (Sánchez et al 2002; Wang et al. 1999)
pHW137	p <i>SP6</i> :: <i>SGB1</i> -myc (antisense) in oocyte expression vector	Amp/ DH5 α	pXFRM (Sánchez et al 2002; Wang et al. 1999)
pHW138	p35S:: <i>SGB1</i> -GFP	Spec/DH5 α /GV3101 Basta/Plant	PB7FWG2 (Karimi et al. 2002)
pHW139	p <i>SP6</i> :: mutant <i>SGB1</i> -myc (1-bp deletion after start codon); in oocyte expression vector	Amp/ DH5 α	pXFRM (Sánchez et al 2002; Wang et al. 1999)

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