

**2010 RESOURCES:
PLASMIDS GENERATED**

PLASMID NAME	VECTOR	TYPE	RESISTANCE	BACTERIAL STRAIN	AVAILABLE FROM	DESCRIPTION
pMY1-10	pENTR-D	Invitrogen GATEWAY ENTRY vector	Kan	TOP10	ABRC stock CD3-732 (http://www.arabidopsis.org/services/TairObject?type=stock&id=1001276205)	<i>CAULIFLOWER</i> gene without N-terminal MADS box
pMY2-5	pENTR-D	Invitrogen GATEWAY ENTRY vector	Kan	TOP10	ABRC stock CD3-735 (http://www.arabidopsis.org/services/TairObject?type=stock&id=1001276206)	<i>APETALA1</i> gene without N-terminal MADS box
pMY3-5	pDEST17	Invitrogen <i>E. coli</i> expression vector	Carb	DH5alpha	Upon request	N-terminal 6x-His tagged <i>CAULIFLOWER</i> without N-terminal MADS box
pMY4-1	pDEST17	Invitrogen <i>E. coli</i> expression vector	Carb	DH5alpha	Upon request	N-terminal 6x-His tagged <i>APETALA1</i> gene without N-terminal MADS box
pMY6-1	pENTR-D	Invitrogen GATEWAY Entry vector	Kan	TOP10	ABRC stock CD3-736 (http://www.arabidopsis.org/s)	Full-length <i>CAULIFLOWER</i> coding region w/o stop codon

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pMY9-5	pGWB20	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>CAULIFLOWER</i> coding region with C-terminal 10x-MYC epitope tag
pMY12-5	pCR2.1	Invitrogen vector	Kan, Carb	TOP10	Upon request; deposit to ABRC in progress	EGL3 promoter
pMY14-1	pGWB5	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>CAULIFLOWER</i> w/C-terminal GFP tag
pMY16-3	pCR2.1	Invitrogen vector	Kan, Carb	TOP10	Upon request; deposit to ABRC in progress	Full-length EGL3 coding sequence w/the stop codon removed
pMY27-1	pGWB2	GATEWAY binary vector	Kan, Hyg	TOP10	Upon request; deposit to ABRC in progress	35S driven <i>EGL3-GR</i>
pMY28-3	pENTR-D	Invitrogen GATEWAY entry vector	Kan	TOP10	Upon request; deposit to ABRC in progress	<i>CAULIFLOWER</i> promoter
pMY29-1	pGWB4	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to	<i>CAULIFLOWER</i> promoter driven GFP

					ABRC in progress	
pMY30-1	pENTR-D	Invitrogen GATEWAY Entry vector	Kan	TOP10	Upon request; deposit to ABRC in progress	Full-length <i>APETALA1</i> coding sequence
pMY33-1	pGWB5	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven <i>APETALA1</i> w/C-terminal GFP tag
pMY34-1	pGWB20	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven <i>APETALA1</i> w/C-terminal 10x MYC tag
pENTRD-PRSC	pENTR-D	Invitrogen GATEWAY vector	Kan	TOP10	ABRC stock CD3-729 (http://www.arabidopsis.org/servlets/TairObject?type=stock&id=1001276202)	PRS C-terminal region (AA 127-244)
pENTRD-FILN	pENTR-D	Invitrogen GATEWAY vector	Kan	TOP10	ABRC stock CD3-725 (http://www.arabidopsis.org/servlets/TairObject?type=stock&id=1001276198)	FIL N-terminal region (AA1-133)
pENTRD-	pENTR-D	Invitrogen	Kan	TOP10	Upon request;	PAN N-terminal region

PAN		GATEWAY vector			deposit to ABRC in progress	
pENTRD-PRS	pENTR-D	Invitrogen GATEWAY vector	Kan	TOP10	Upon request; deposit to ABRC in progress	Full-length PRS w/o stop codon
pENTRD-FIL	pENTR-D	Invitrogen GATEWAY vector	Kan	TOP10	Upon request; deposit to ABRC in progress	Full-length FIL w/o stop codon
pENTRD-PAN	pENTR-D	Invitrogen GATEWAY vector	Kan	TOP10	ABRC stock CD3-727 (http://www.arabidopsis.org/services/TairObject?type=stock&id=1001276200)	Full-length <i>PAN</i> w/o stop codon
pENTR-DSTOP	pENTR-D	Invitrogen GATEWAY vector	Kan	TOP10	Upon request; deposit to ABRC in progress	Full-length <i>PAN</i> w/stop codon
pGWB5-PAN	pGWB5	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>PAN</i> w/C-terminal GFP
pGWB5-FIL	pGWB5	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>FIL</i> w/C-terminal GFP

pGWB5-PR5	pGWB5	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>PRS</i> w/C-terminal GFP
pGWB20-PAN	pGWB20	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>PAN</i> w/C-terminal 10X-MYC tag
pGWB20-FIL	pGWB20	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>FIL</i> w/C-terminal 10X-MYC tag
pGWB20-PR5	pGWB20	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>PRS</i> w/C-terminal 10X-MYC tag
pGWB6-PAN	pGWB6	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>PAN</i> w/N-terminal GFP
pGWB21-PAN	pGWB21	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>PAN</i> w/N-terminal 10X-MYC tag
pGWB2-PAN	pGWB2	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>PAN</i>
pDEST17-PR5C	pDEST17	Invitrogen E. coli expression	Carb	TOP10	Upon request	N-terminally HIS-tagged <i>PRS</i> C-terminal region (AA 127-244)

		vector				
pDEST17-FILN	pDEST17	Invitrogen E. coli expression vector	Carb	TOP10	Upon request	N-terminally HIS-tagged FIL N-terminal region (AA1-133)
pDEST17-PANN	pDEST17	Invitrogen E. coli expression vector	Carb	BL21	Upon request	N-terminally HIS-tagged PAN N-terminal region
pENTR-GL2	pENTR-D	Invitrogen GATEWAY Entry vector	Kan	TOP10	ABRC stock CD3-726 (http://www.arabidopsis.org/services/TairObject?type=stock&id=1001276199)	Full-length GL2 w/o a stop codon
pENTR-WUS	pENTR-D	Invitrogen GATEWAY Entry vector	Kan	TOP10	ABRC stock CD3-731 (http://www.arabidopsis.org/services/TairObject?type=stock&id=1001276204)	Full-length WUS w/o stop codon
pENTR-GL2N	pENTR-D	Invitrogen GATEWAY Entry vector	Kan	TOP10	Upon request; deposit to ABRC in progress	Unique fragment of GL2
pDEST17-GL2N	pDEST17	Invitrogen E. coli expression vector	Carb	BL21	Upon request	N-terminally HIS-tagged GL2N

pGWB5-GL2	pGWB5	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>GL2</i> w/C-terminal GFP
pGWB20-GL2	pGWB20	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>GL2</i> w/C-terminal 10X-MYC tag
pGWB5-WUS	pGWB5	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>WUS</i> w/C-terminal GFP
pGWB20-WUS	pGWB20	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>WUS</i> w/C-terminal 10X-MYC tag
p42pGL1-MYC	pGWB20	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>GL1</i> w/C-terminal 10X-MYC tag
p42pAtMYB11-MYC	pGWB20	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>AtMYB11</i> w/C-terminal 10X-MYC tag
p42pAtMYB12-MYC	pGWB20	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>AtMYB12</i> w/C-terminal 10X-MYC tag
p42pAtMYC1-MYC	pGWB20	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to	35S driven full-length <i>AtMYC1</i> w/C-terminal 10X-MYC tag

					ABRC in progress	
p42pPAP1-MYC	pGWB20	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>PAP1</i> w/C-terminal 10X-MYC tag
p42pGL1-GFP	pGWB5	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>GL1</i> w/C-terminal GFP
p42pAtMYB12-GFP	pGWB5	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>AtMYB12</i> w/C-terminal GFP
p42pAtMYB5-MYC	pGWB20	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>AtMYB12</i> w/C-terminal GFP
p42pAtMYB5-GFP	pGWB5	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>AtMYB5</i> w/C-terminal GFP
p42pAtMYB3-MYC	pGWB20	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>AtMYB3</i> w/C-terminal 10X MYC tag
p42pAtMYB3-GFP	pGWB5	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>AtMYB3</i> w/C-terminal GFP

p42pTT8-MYC	pGWB20	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>TT8</i> w/C-terminal 10X-MYC tag
p42pTT8-GFP	pGWB5	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>TT8</i> w/C-terminal GFP
p42pAtMYC1-GFP	pGWB5	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>AtMYC1</i> w/C-terminal 10X-MYC tag
p42pAtMYB11-GFP	pGWB5	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>AtMYB11</i> w/C-terminal GFP
p42pPAP1-GFP	pGWB5	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	35S driven full-length <i>PAP1</i> w/C-terminal GFP
pDEST17-2	pDEST17-2	Invitrogen GATEWAY <i>E. coli</i> expression vector	Carb	DH5alpha	Upon request	Modified pDEST17 to make a new reading frame; details available upon request
p42pDEST17-Atm12	pDEST17-2	Invitrogen GATEWAY <i>E. coli</i> expression vector	Carb	BL21	Upon request	<i>AtMYB12</i> w/N-terminal HIS tag
p42pDEST17-PAP1	pDEST17-2	Invitrogen GATEWAY <i>E.</i>	Carb	BL21	Upon request	PAP1 w/N-terminal HIS tag

		<i>coli</i> expression vector				
pENTR-TTG2	pENTR-D	Invitrogen GATEWAY Entry vector	Kan	TOP10	Upon request; deposit to ABRC in progress	Full-length <i>TTG2</i> w/o stop codon
pGWB5-TTG2	pGWB5	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	Full-length <i>TTG2</i> w/ C-terminal GFP
pGWB20-TTG2	pGWB20	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	Full-length <i>TTG2</i> w/ C-terminal 10X-MYC tag
pDONR-SPL8	pDONR	GATEWAY binary vector	Kan	DH5alpha	Dr. JC Hong, hongjc@missouri.edu 573-268-0450 236C Life Science Center Division of Plant Sciences U of Missouri-Columbia Columbia, MO 65211	Full-length <i>SPL8</i> w/o stop codon
pGWB5-SPL8	pGWB5	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	Full-length <i>SPL8</i> w/ C-terminal GFP
pGWB20-	pGWB20	GATEWAY	Kan, Hyg	DH5alpha	Upon request;	Full-length <i>SPL8</i> w/ C-terminal

SPL8		binary vector			deposit to ABRC in progress	10X-MYC tag
pENTRD-SUP	pENTR-D	Invitrogen GATEWAY Entry vector	Kan	TOP10	Upon request	Full-length <i>SUP</i> w/o stop codon
pENTRD-SPT	pENTR-D	Invitrogen GATEWAY Entry vector	Kan	TOP10	Upon request; deposit to ABRC in progress	Full-length <i>SPT</i> w/o stop codon
pGWB5-SPT	pGWB5	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	Full-length <i>SPT</i> w/C-terminal GFP
pGWB20-SPT	pGWB20	GATEWAY binary vector	Kan, Hyg	DH5alpha	Upon request; deposit to ABRC in progress	Full-length <i>SPT</i> w/C-terminal 10X-MYC
pDONR-PAP2	pDONR	Invitrogen GATEWAY Entry vector	Kan	DH5alpha	Dr. JC Hong, hongjc@missouri.edu 573-268-0450 236C Life Science Center Division of Plant Sciences U of Missouri-Columbia Columbia, MO 65211	Full-length <i>PAP2</i> w/o stop codon
pDONR-	pDONR	Invitrogen	Kan	DH5alpha	Dr. JC Hong,	Full-length <i>AtMYB23</i> w/o stop

AtMYB23		GATEWAY Entry vector			hongjc@misso uri.edu 573-268-0450 236C Life Science Center Division of Plant Sciences U of Missouri- Columbia Columbia, MO 65211	codon
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