

Supplemental Table 1. Primers used in this study.

Name	Sequences (5'–3')
For plasmid construction	
attR1f	gatcacaagtttgtacaaaaaagc
attR2r	catcaccactttgtacaagaaagctg
attR2_stop	tcaattagttacatcaccactttgtacaagaaagctg
attR1	acaagtttgtacaaaaaagctgaacg
EcoRI-CmR	cgagctcgaattccgtagggcaatgaaagacggt
ccdBR	gggcgtgtcaataatatcactctgt
LUCF	ATGGAAGACGCCAAAAACATAAAG
LUCR	CTAGAATTACACGGCGATCTTTCCG
ATG-attB1F	ATGacaagtttgtacaaaaaagc
SRDX-R	TTAAGCGAAACCCAAACGGAGTTC TAG
attB1CUC1F	ggggacaagtttgtacaaaaaagcaggctccATGGATGTTGATGTGTTTAAACGGTTGGGG
attB2CUC1_f12R	catccaccactttgtacaagaaagctgggtGAGAGTAAACGGCCACACACTCACGGC
attB2CUC1_f13R	cataccactttgtacaagaaagctgggtccGAGAGTAAACGGCCACACACTCACGGC
attB2SRDXR	ggggaccactttgtacaagaaagctgggtcTTAAGCGAAACCCAAACGGGA
attB435SF	ggggacaactttgtatagaaaagttgaaGGCGCCGGAACCAATTAAGCTT
attB1r35SR	ggggactgctttttttgtacaaaacttggATCTGTAATTGTAATGTTGTTT
attB1LUCF	ggggacaagtttgtacaaaaaagcaggctccATGGAAGACGCCAAAAACATAAAG
attB2LUCR	ggggaccactttgtacaagaaagctgggtcCACGGCGATCTTTCCG
For genomic PCR	
35S	GAAGTTCATTTTCATTTGGAGAGG
SRDX	TTAAGCGAAACCCAAACGGAGTTC TAG
PP2AA3F	GTTCCAAACTCTTACCTGCGGTAA
PP2AA3R	TCCACCAAGCATGGCCGTATCATG
For RT-PCR	
LUCrtF2	CGTGGATTACGTCGCCAGTC
LUCrtR2	AGACCTTTCGGTACTTCGTCCACAA
UBQ1-266F	TGAGCCTTCCTTGATGATGCT
UBQ1-329R	GCACTTGCGGCAAATCATCT

Supplemental Table 2. Plasmids used in the construction of new vectors.

Name	Promoter	Enhancer	Tag	Terminator	Plant marker	Bacterial marker	Backbone	Cloning method
pDEST35SSRDYG	35S	Ω	SRDX	NOS	—	Amp	pUC	LR reaction
pDEST_35AA_ccdBSXH	35S	ADH	SRDX	NOS	Hm	Km	pBIG	—
p35SCmRattR2SRDXHSP	—	—	SRDX	HSP	—	Amp	pUC	—
pGWB501*	—	—	—	NOS	Hm	Spe	pPZP	LR reaction
pGWB401*	—	—	—	NOS	Km	Spe	pPZP	LR reaction
R4pGWB501**	—	—	—	NOS	Hm	Spe	pPZP	MultiSite LR
R4pGWB401**	—	—	—	NOS	Km	Spe	pPZP	MultiSite LR

* Nakagawa et al. 2007b, ** Nakagawa et al. 2008.

Supplemental Table 3. Materials used to generate expression constructs.

Construct Name	Forward primer	Reverse primer	Template	Entry vector	Destination vector
pDEST-ATGatt	ATG-attB1F	SRDX-R	pDEST-NOS	p35SG	pBCKH
pDEST-attB2frame2	attB1CUC1F	attB2CUC1_f12R	pBCKH-NOS	p35SSRDXG	pBCKH
pDEST-attB2frame3	attB1CUC1F	attB2CUC1_f13R	pBCKH-NOS	p36SSRDXG	pBCKH
pDEST-SRDXstop-att	attB1CUC1F	attB2SRDXR	pBCKH-NOS	pDONR207	pDEST_35S_stop_BCKH