

- 1 **Supplemental Table II. A list of all primer sets used to genotype plant lines and generate**  
 2 **constructs for GUS analysis, GFP fluorescence, and complementation studies.**

<b>Primer Name</b>	<b>Primer Sequence</b>
β2-F	5' -TGT GCC CAT CAC ACG TAC TAG ACT - 3'
β2-R	5' - GTC AAG AGG AAA TGA CAT AAG CCC C - 3'
β2-I	5' - CCA AAC TGG AAC AAC ACT CAA CCC - 3'
β4-F	5' - GCG AAG ATC AAA GCG TTG ACG - 3'
β4-R	5' - CGC CAA CTC CAG AGT GTC T - 3'
β4-I	5' - AAC GTC CGC AAT GTG TTA TTA AGT TGT C - 3'
β2-GFP-F	5' - CAC CAT GGG AAA CGA ATC ATA T - 3'
β2-GFP-R	5' - TAT AGA ATG AAC GGG GGA - 3'
β2-OE-R	5' - TCA TAT AGA ATG AAC GGG GGA - 3'
β4.1-GFP-F	5' - CAC CAT GGC TCC TGC ATT CGG AAA A - 3'
β4.2-GFP-F	5' - CAC CAT GGC AAC GGA ATC GTA CG - 3'
β4-GFP-R	5' - AGA GAA GGC AAA AGC AGG AGT GGT C - 3'
pβ2-GUS-F	5' - CAC CGA AAT GGC TCA TCA GAC TCA GAG A - 3'
pβ2-GUS-R	5' - TTC TCA GTT CTG TGC AAG TCA TTG - 3'
pβ4.1-GUS-F	5' - CAC CGA ATC AGA ACG GAA CTG ATA AAG ATG ATG A - 3'
pβ4.1-GUS-R	5' - TAT AAA TGA TCT CTT CCT TTG CTT CTC CTA CCA ACC - 3'
pβ4.2-GUS-F	5' - CAC CGT CGT CAT AAT TCC TTG AAA C - 3'
pβ4.2-GUS-R	5' - TTC GTC TTT TTC CTA ATG AAT ACA AAC - 3'
Actin F	5' - CAT CTA TGA TTG GTA TGG AGA ATG CTG G - 3'
Actin R	5' - CCT TTG CGA TCC ACA TCT GCT - 3'

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