

Table S2: Primers used to localize deletions*

Name	Location	Sequence	Product size	C	L	1	2	3	5	11
F15N16 For	F15N16 83.3kb	CATGACCGAGAAGCCAAAGAGGAATCTC	0.35	+	+	+	+	+	+	+
F15N16 Back		CCTATTCTCTAACCGCAACTCTGCGTGC								
F14G16 For	F14G16 47.5kb	ACAAACCGATCAGCATTCAAG	0.25 (Col) 0.2 (Ler)	+	+	+	+	+	+	+
F14G16 Back		GCCTTTGTACGATTCAAC								
F28D6 For	F28D6 51.7kb	TGAAATGAACCAGTGCTGCTG	1.2	+	+	+	+	+	+	+
F28D6 Back		CTGTACCAATTAGTCGAGAAGGTC								
T3E15-2FOR	T3E15 49.4kb	GTAGCGTTATCCATGTGATAAGAGCGTCC	1.4 (Col) 0.92 (Ler)	+	+	+	+	+	+	-
T3E15-2BACK		CCTTTCCAATTTTGGCATGGTGAGAATTCAG								
T3E15 For	T3E15 116.9kb	GCCCATCAGTTTCAAGCCCAAGAAGG	0.77	+	-	-	-	-	+	-
T3E15 back		CGCTACCTCTTCAAGTTCAACCATACGGAG								
F5K24 For	F5K24 38.2kb	CAGCGTCTAGGTCACCCATCTATGTCAAGG	1.75	+	-	-	-	-	+	-
F5K24 Back		CGGAGAACTTGTGAAACCATTGACGTGAAG								
F1K3 For	F1K3 23.8kb	GGGTACAAACATAGTCATTGGCAGG	1.7	+	+	-	-	+	+	-
F1K3 Back		AGACATTGAAATCTCCTCCTCGG								
F1K3-46 For	F1K3 47.4kb	GGTCCTTTGGTTTCTATGCGAAG	2.5	+	+	-	-	+	+	-
F1K3-47 Back		CTGAAAATTGTTCGTCGTCGGTAC								
44.7 For	T17A2 1.4kb	TTCCTCAACAGGGCTCACATTC	0.91	+	+	-	-	-	+	-
45.6 Back		GCAGGGATAAGAAAGGCATCTCC								
78.7 For	T13D4 32.1kb	CTGAAGCCCGAACCTAATGATG	0.74 <in Ler?	+	+	-	+	-	+	-
79.4 Back		TGGTGGAGAATAGTTGCTGCG								
76 For	F9M13 24.3kb	TGTGGATTTACTGGAACACTCCG	0.97 (Col) Ler <	+	+	-	-	-	+	-
77 Back		GCTCTGCCATCTTTGACGAAG								
North 8 For	F9M13 61.9kb	ACTCGGACATAGGCACTGTGACTC	0.97	+	+	-	-	-	-	-
North 8 Back		AACTCAGGAATGGAGAAGATGCG								
North 5 For	F9M13 82.9kb	ACCTTGGTTGCTTGGATGCC	2.0	+	+	-	-	-	-	-
North 5 Back		TGTCGCCGTTGTTAGTGTCTGAG								
BP GENE	F9M13 88kb									
bp2 FOR	T12G13 2.7kb	GAACATAAGGAGGGAATCATACCAAGAGG	2.3	+	+	-	+	-	-	-
bp2 BACK		GATGAAGCTAACGGACAACGAAGAGAT								
North 1 For	T12G13 11.3kb	GAGTCTTACCGATACAAAGGAGG	1.6	+	+	-	+	-	-	-
North 1 Back		AACTATCTGAACGCTTGTCCC								
T12G13 For	T12G13 20.5kb	GCACAATCGAGCAAGGTATGATG	1.85	+	+	-	+	-	-	-
T12G13 Back		ACGAGTCGAAGAAGCGTTTCGG								
T1223 For	T12G13 23.8kb	CGCTTAAAGGCTTGTACTTTCCCAC	2.25	+	+	-	+	-	-	-
T1223 Back		TGGCTAATCCTTGTGTGTGGAC								

South 3.25 For	T12G13 29kb	CCTCTCGTTTTTACGCCATTAGTCG	0.84	+	+	-	+	-	-	-
South 3.25 Back		TGAAGACGGATCTTGGATACTTAGGC								
South 3.75 For	T12G13 38.5kb	TTCCGAGATTTGCTTCGTCAATATTTTAAAGGG	0.57	+	+	-	+	-	-	-
South 3.75 Back		TAATCCAATCCCTAAATCCTAATTTGAGCTGT								
South 4 For	T12G13 42.6kb	TGAACTCCGTTGAGATAATGGGTG	0.85	+	+	+	+	-	-	-
South 4 Back		GGGACAGTCTTAGGCAATGGTGAC								
South 4.5 For	T12G13 47.2kb	GATCATCCCCGCTTATGAAAACGACATTC	0.62	+	+	+	+	-	-	-
South 4.5 Back		TGTCATTCCCTTTGCCCGCACAATAGC								
bp10 For	T12G13 51.8kb	CGTTGGATCTCATAGATAGTAGAGTTATG	0.57	+	+	+	+	-	-	+
bp10 Back		TTGATAGATGTGCTTTTAAAGTGAGTATCT								
South 4.75 For	T12G13 60.6kb	GCATCGCTTTTTACCATTGCTAAG	0.96	+	+	+	+	-	-	+
South 4.75 Back		GCCTGCTATTTTCAATTTATCAGTCTCG								
South 6 For	T12G13 77.2kb	TGTATCGTAATCTTGTGGCTGCTC	0.7	+	+	+	+	-	-	+
South 6 Back		ACGGTAAAGGAATAAGCGGACC								
South 6.25 For	T12G13 80.8kb	CCTCTGGATAACTGAAGCAGGCA	1.0	+	+	+	+	-	+	+
South 6.25 Back		GTGTCTCCTACACTCATGTTC								
08310 For	T12G13 88.7kb	GCTGAGCAAACAAAGGATGAGGAC	1.5	+	+	+	+	+	+	+
08310 Back		CTTCGTTTTGACTTCCCTCTCCG								
South 8 For	T28D6 5.4kb	TTGTAGGGGCAGAATCGCAAGC	0.8	+	+	+	+	+	+	+
South 8 back		GCAAGTCAATCAACGAATCAGGC								
South 9 For	T28D6 13.2kb	GCTGGAGAAAAGCGTAAGGAGGT	0.9	+	+	+	+	+	+	+
South 9 back		AGGGCAATGAGATGTGTTGGATAG								

*PCR conducted on genomic DNA from Columbia (C), Landsberg *erecta* (L), and the *bp* mutant alleles, *bp-1*, *bp-2*, *bp-3*, *bp-5* and *bp-11*. Product size is in kilobase pairs. The +/- symbols indicate the presence or absence of a pcr product with the given template/primer pair.