

Supplementary File

Table S1. Marker information for genotyping (Bur × Ler) near-isogenic lines NIL9 and tmNIL130 at variable genomic regions.

Marker Name	Chr.	Position (kb)AGI	Forward Primer	T _m (°C)	Reverse Primer	T _m (°C)	T _a (°C)	t _e (s)	Restr. Enzyme	Allelic state NIL9	Allelic state tmNIL130
BLC2-22	2	11753	GAGATATGTGGTTCAAGTCT	56	AACTCTACGACGCAGATCC	58	55	40	MnII	Ler	Ler
BLC2-25	2	11799	GGAGGGTCCACCACTCGGC	66	GGCGGAAGGAAGAAAAACACG	64	55	40	HinfI	Ler	Bur
BLC2-42	2	12270	CCGATGAAGAAGAGAGATTG	58	CACAACGGTCGGATCACGGAT	66	55	40	NlaIV	Ler	Bur
BLC2-43	2	12285	CTTCCCTTCGTGATTCGTTAC	64	GCTAATCCTCGTCTTGCTCTGT	66	55	40	DdeI	Ler	Ler
BLC4-650-2	4	270	CAAAGGTGGTTCCTTTTGTTG	60	TGCATTCCACGCTTGATACT	58	55	40	NdeI	Ler	Bur
EH4-1	4	2400	See Reference [188]							Bur	Bur

Abbreviations: Chr. = chromosome, kb = kilobases, AGI = Arabidopsis Genome Initiative, T_m = melting temperature, T_a = annealing temperature, t_e = elongation time, restr. = restriction.