

Supplemental Table S1. Description of SNP markers used in mapping

SNP Mapping Name	SGCSNP Name	Chrom.	Approximate Location (cM)	SNP PCR Primer	Extension Primer	Polymorphism	
						Ler	Col
C5_101.7	SGCSNP34	5	101.7	ATCATCGTCTCTCCCAAAGC CCCCAAAACACTCTGCAAAT	GGAATGTAGTTGAGATCAAATTGGAAGTGT	G	T
C5_104.6		5	104.6	CATACGGAGCCTGTCCATCT TCGTGAATGGTTGTGTGCTT	GTAATCGGTAGATGCTCTTTCCGCACTACT	T	G
C5_111		5	105	CCGACTCAAATCTCCCAAGA GGACTAATGTGGCAAGCCAT	CCGACTCAAATCTCCCAAGAGAGTGCAGCT	G	T
C5_120	SGCSNP73	5	111.95	CGGTCTCAAACCACGATCTT GAGAAAAGCTGACCACCGAG	GAGAAGGTACATGACGGATATGATCACTTA	C	T
C4_33		4	33	CATCCTCAGCTTTTGGCTTC TGATTCCAAGATCCCAATGT	TGCAACATAACAATAGATTAGGTAGTCCGA	A	G
C4_34.6		4	34.6	GAAAGCAATAACCACCCTTTG CAGACCTTCCTGCACATTCA	TATGTAGATTTTCTATATCTTACCAGTACA	G	A
C4_36		4	36	ATTGTGGTCACTGCTGGTCA CACATGAGAGATCTTTGGTGGA	GATGAGTATATTTTTCCCAAAAATTATATG	T	C
C4_37	SGCSNP12008	4	37	TGTTTCAGTTTTGGTTCCCA TTGATTTGGTTCCAGTTCC	GAATTTATAAAAACTTGACAAAACTCTAA	T	C
C4_42		4	42	CATGGCGCTATATCAGGGTT TGCTTGTTGCTCTTCTTCGA	ATGGATGCCACTTTTACTTTTCCGAAGACC	C	T