

Supplementary Table 1. Designed primers used for genotyping of SNP markers

Markers	PCR primers	Primer length (bp)
FAD1	FP 5'-AGGATTGTGGTGACAGTTGC-3'	20
	RP 5'-TTTTGGGGGAGACCAGTAAC-3'	20
rs11145326	FP 5'-TCGATCCTTGTCCCTCCATC-3'	20
	RP 5'-GGGAAGATCAAGCCTGAAG-3'	19
rs7861997	FP 5'-GCCATGAGGAAGTGGAATG-3'	19
	RP 5'-TCATGACATTGAGAGCCTGG-3'	20
ITR3	FP 5'-TGGGTTTTGTGCTTCCTCTG-3'	20
	RP 5'-TGATGCTTAGCTCTGCTGG-3'	19
CS2	FP 5'-CCTGTGGCCTCGTTTTAATC-3'	20
	RP 5'-AAGTTGTGCTCCCATCAAGC-3'	20

FP, forward primer; RP, reverse primer