

Additional file 7: Primers for analyzing the origin of unexpected genotyping in the GoldenGate array.

SNP locus	Abnormality type	Primers	Ta	product length
CiC0002-01	Clem homozygosity	F: GCTCATCCGGAATTGGACTA R: ACCCTTCGGGAGACTTGAAT	60	249
CiC0049-02	Clem homozygosity	F: AGAGGACTGCCTGGTTGCTA R: CAATTGATCACGCCGTAAAA	60	292
CiC0063-12	Clem homozygosity	F: TCTTCCTTAGGGATGATGCAA R: GCTCTTGCTTTAGTCGTTTCTG	58	222
CiC0074-09	Clem homozygosity	F: GGGGAAGGTGAACTCTTAGG R: AAATTGAATTAGTTAGGGTTGTGGA	58	379
CiC0091-09	Clem homozygosity	F: TGGCCGTGAGTTCTCTCAAT R: CGTTGATTAACGCCCGTAGT	60	370
CiC0113-01	Clem homozygosity	F: TCTGGGATCAGACCAGACAA R: CTCCTCAGTGCCTCAACAA	58	399
CiC2553-01	Clem homozygosity	F: GGGCTCCTCAAGTGGTGATA R: TCTTTCTTCCCCTTCATCCA	60	293
CiC4252-10	fixed heterozygosity	F: AGAAATTCCTCGACGTTCCA R: GGTCTGGAGACTGGGTATTGA	60	318
CiC3064-07	null allele	F: CATCAGCTGCCACGAAATTA R: GTGGTCATGATGGCTGATTG	60	471
CiC3275-02	null allele	F: GGATTTGGATGGAATGTGG R: GACTCCAGGGGTTGAAACAA	60	478
CiC2151-02	null allele	TCGAAGTGAGTTGGCAATTTT TCATGCAAAAATGTGGTGGT	60	336