Supplementary Table 5. Primer sequences for markers shown in **Figures 1** and **3**. Genotype and amplimer size is given when available. H1 and H2 amplimer sizes were obtained from sequenced clones with their accession number and name.

Name	Forward primer	Reverse primer	RP11			
			Genotype		Amplimer size	
			H1	H2	H1	H2
D17S633	GGTGGAGCTTGCAGTGAGCTGAG	AGAACAGGAATGGGAAAGGCTTTC	188	186	182[1]	
D17S791	GTTTTCTCCAGTTATTCCCC	GCTCGTCCTTTGGAAGAGTT	181	193		189[15]
D17S810	CCCTGTACCCGACTCAGAA	GCCTGGTTGCATAACCC	243	249	236[1]	242[10]
D17S920	CTTCTGCATGGATCAGAAAA	ACTCACCCAGATGATTGCTT	106	102		99[15]
DG17S5	GCATCCCTGTCTCAATCACA	CATAGCATTCCCTCCTCTGC	252	248	245[5]	241[4]
DG17S10	GATGAAGGAAGGGCAGTGAG	CAGGGCAATCCTTGAGGTAG	177	177	170[5]	
DG17S11	CCGAAACCGAATCTGAAATC	GGGAAGGGCAACTAAAGTGA	284	284	276[5]	276[6]
DG17S133	GCCTGGGAAACAAGAGTGAG	CCAGAGGTCCTAGTGCCAAA	172;180	176;208	172[2];164[7]	199[11];168[12];168[13]
DG17S136	CCTGGCTTCTCACCAAACA	TCCTCTCCAGTGGGTTCTTG	277	249	273[3]	
DG17S137	CACAGAGATGTGCAGCCAAA	TGAGGCTGCAGTGAGTTGAG	154	146		136[4]
DG17S142	CTGCTTCCTTCCCTGTGTGT	GGGAAGGTGAAGACGAGAGT	398	404		394[6]
DG17S144	AGTAGGCTGAGGAGGGAGGA	GCAAGTTCTCCCTGTGGAAT	291	257		
DG17S146	TGCAAGCAGTTTAAGCAGGA	CCACAACTTGGCTGCTCAC	391	403;407	384[7]	401[11];397[13]
DG17S153	AGATCACGCCACTGCACTC	ACCAACACAGGATGGTAGGC	267	252;272	261[7]	266[11];245[13]
DG17S158	GACCACCTTTGTGTGCTTCA	GGTGTTTCAGGGAACAGTCCT	189;197	198;201	188[8];180[9]	
DG17S159	TCATTCTGGCTCCCTGTCTT	TCAGGTTCCTAAATGAGGAGTAGG	125;129	129;141	120[9];124[14]	
DG17S160	GCAATCATACTCCGTTGCAG	ATGACGGGACTTGTGTGGAT	396	392;408	384[9];384[14]	
DG17S161	GAACCTATGATTGCGGTCAAC	CTTAGAGCTTTGACTCAGGT	209	209;215	202[9]	202[15]
DG17S332	TAAGCTCCATGGGACCTGTT	AAAGAGCAGACAAGGCCAAG	223	223	216[2]	
DG17S338	GCAAATTCTCAAATAGCTCAGGA	AGGACTACTGGCCCACAACA	435	406	428[5]	397[6]
DG17S340	CTCCCTGCAGAGGTTTCAAG	GGGAGGATAGCTGGAGATGG				108[6]
DG17S435	GCAGGGTCACCACCTTATTC	GGAGGTGAGCCATGATTGAG	171;176	175;176	168[2];163[7]	167[11];168[12]
DG17S436	CACCAAGCTATTAAGCAGCAAAG	CAATGGAGCAAGACCCTGTT	259	259	252[1];249[9]	249[13]
DG17S462	CGAGGCTCTGACTCCAAAAA	CCAGCTGAGAACATGTGTTGAT	87	79		
DG17S465	ATAGCAGGCCATACCACCTC	TCACTTGAACCTGGGAGACA	168	198		
Del238	GGAAGACGTTCTCACTGATCTG	AGGAGTCTGGCTTCAGTCTCTC				246[6]

Note: Clones from the chromosome specific assembly (**Fig. 1**) in which amplimer sequences for the markers above were found:
[1]AC091132.16, RP11-798G7
[2]AC126544.5, RP11-707O23
[3]AC073426.3, RP11-733O21
[4]AC090769.1, RP11-80L9
[5]AC036218.3, RP11-413P22
[6]BX544879.6, RP11-769P22
[7]AC005829.1, RP11-259G18
[8]AC138687.2, RP11-297E22
[9]AC046170.6, RP11-219F9
[10]AC021584.2, RP11-94M7
[11]AC126604.5, RP11-507F3
[12]AC048388.17, RP11-374N3
[13]AC139677.4, RP11-1070B7
[14]AC138645.3, RP11-995C19
[15]AC019319.8, RP11-220N20