

Table S2. Primer sequences for STR and SNP genotyping.

STRs*	
D7S2420	(PET) F: 5'-CCTGTATGGAGGGCAAACCTA-3' R: 5'-AAATAATGACTGAGGCTCAAAACA-3'
D7S496	(VIC) F: 5'-AACAAACAGTCAACCCACAAT-3' R: 5'-GCTATAACCTCATAATAAACCAAAA-3'
D7S2459	(PET) F: 5'-AAGAAGTGCATTGAGACTCC-3' R: 5'-CCGCCTTAGTAAAACCC-3'
D7S2456	(VIC) F: 5'-CTGGAAATTGACCTGAAACCTT-3' R: 5'-ACAGGGGTCTCTCACACATATTA-3'
D7S525	(NED) F: 5'-GTTAGCCGAGATTGCCC-3' R: 5'-CTTGCTGTTTAAGTACCACAAGTTC-3'
SNPs	
rs2248464	F: 5'-TCGTCCTCGCTTACCGCGTGT-3'
rs2248465	R: 5'-CCATCTGTCACAGACCTATGGTAGCT-3'
rs3801943	F: 5'-CCTCTGGGATAGGTAGGGCT-3'
rs2712212	R: 5'-AGTAAGGAAATGGGGGAG-3'
rs2395911	F: 5'-CATGGTTTTTCATGTGGGAAGATTTC-3' R: 5'-CAAATGGCTTGACGTTTATCTACACAC-3'
rs2712211	F: 5'-TAAGGCTGCTGCTCGTAGTT-3'
rs3801940	R: 5'-CTATAACAGAAGAGGTAAAA-3'
rs2072064	F: 5'-GAGCAGATATAGCATTTGATGAGATG-3'
rs2072065	R: 5'-CTCGGTGCGAGCCTTCCT-3'

* – Primer sequences for STRs genotyping were taken from the Ensembl Genome browser (<http://www.ensembl.org>). One (forward) from each primer pairs was marked on the 5' end with the different fluorescent dyes.