Table S1. Primer sequences and methods for STRs and SNPs genotyping.

STRs	Primer sequences [a]	Methods of detection
D13S1316	F: 5'-CTACTGGGGAGGCTGG-3' (NED) R: 5'-CATGTCTCTGAATCGCTTTT-3'	Fragment analysis (500 LIZ)
D13S141	F: 5'-GTCCTCCCGGCCTAGTCTTA-3' R: 5'-ACCACGGAGCAAAGAACAGA-3' (6-FAM)	
D13S175	F: 5'-TATTGGATACTTGAATCTGCTG-3' R: 5'-TGCATCACCTCACATAGGTTA-3' (PET)	
D13S1853	F: 5'-TGTACATCTCTTCTTACATTCATGT-3' R: 5'-CAGACTGGCACAAACTTAACTG-3' (6-FAM)	
D13S143	F: 5'-CTCATGGGCAGTAACAACAAAA-3' R: 5'-CTTATTTCTCTAGGGGCCAGCT-3' (VIC)	
D13S1275	F: 5'-ATCACTTGAATAAGAAGCCATTTG-3' R: 5'-CCAGCATGACCTTTACCAG-3' (VIC)	
D13S292	F: 5'-TAATGGCGGACCATGC-3' (PET) R: 5'-TTTGACACTTTCCAAGTTGC-3'	

SNPs	Primer sequences	Methods of detection
rs2274083 rs2274084	835-F: 5'-TGCTTGCTTACCCAGACTCA-3' 835-R: 5'-CCTCATCCCTCTCATGCTGT-3' or CX26-F: 5'-TCTTTTCCAGAGCAAACCGC-3' CX26-R: 5'-CTGGGCAATGCGTTAAACTGG-3'	Sanger sequencing
rs1411911768 rs9552101 rs117685390	Ex1-F: 5'-TCTTTTCCAGAGCAAACCGC-3' Ex1-R: 5'-CTGGGCAATGCGTTAAACTGG-3' or Ex1-792-F: 5'-GCGTTCGTTCGGATTGGT-3' Ex1-2239-R: 5'-CGGAAACAGACCCTCGTGAAGT-3'	Sanger sequencing
rs747931	F: 5'-TCGGCACCCCTACCTCCT-3' R: 5'-TCAGACGACCAACCACCTAA-3'	PCR-RFLP analysis (*PstI*)
rs5030700 rs3751385	F: 5'-GGCTGGTGAAGTGCAACG-3' R: 5'-GTAAGCAAACAAACTTTTGAAGTAG-3'	Sanger sequencing PCR-RFLP analysis (*NheI*)
rs877098	F: 5'-ATGAGTATGGCAGATGATGTTATT-3' R: 5'-CAAAAGTGGGCAAAGGTTTA-3'	PCR-RFLP analysis (*EcoRI*)
rs11147592	F 5'-GATTTCAGTGGCTTCCCTTT-3' R 5'-CCAGGTCATACACCCTTCTACA-3'	Sanger sequencing
rs9509086	F 5'-GTCTTCCGCAGAATCCTATCAG-3' R 5'-GGCTGTGGTCGTTGTCCTCT-3'	Sanger sequencing

[a] - Primer sequences for STRs genotyping were taken from the NCBI Probe Database (http://www.ncbi.nlm.nih.gov/probe) and the Ensembl Genome browser (http://www.ensembl.org). One from each primer pairs was marked with the different fluorescent dyes.