

Supplementary Table 1. Sequences of primers

I. Genotyping microsatellite markers

Name	Forward primer*	Reverse primer
D8S558	GGAACCACGCTTCGTTT	GGGGCTTTAAGACCCAT
TGms2	taaccCAAattccccagtga	gatgggtgcacCAAAatctc
D8S1740	AGCAGTCTGATCTGGCTCTC	TCAATATGGGCTCAGCAAG
D8S378	TGTTCTGCACATGTATCCCA	CATTCATTAGCCACAGGCC
HC83REP	ACCCAGGGCTTCTCAGACTT	GAAACCTGGCACTCAGCTTC
D8S529	TGCCCTAACCTGTCT	TTAGCCTCCAATATGTCTCT
D8S1796	AGCCAGTGTTCATCC	GTGCCATCTTCACAGCC
D8S1746	GCTTAGACTATGGGACCACAC	CAGTGAACATCAACCCTGC
D8S537	GAATTTTGGACTTGCCACC	CGTATATGCCTCTGTAAGTTGGG

* Each of the forward primer has a M13 sequence tail (tgtaaaacgacggccagt) on its 5' end.

The PCR products were fluorescent-labeled with another round of PCR with a FAM labeled M13 oligo as forward primer and the same reverse primer.

FAM labeled M13 primer FAM-tgtaaaacgacggccagt

D8S256_FAM**	GTTC AAGGGCTCAGGGTTCT	CTTCCACCTTTAGCCAAGGA
D8S1100_FAM	CTGTGATTATTGCAAACCCC	CCAGAGTACCTGGCATATGG

**The above 2 markers are pre-labeled primers from Invitrogen (Multi-Colored Fluorescent Human MapPairs® Markers).

II. Real-time RT-PCR

AK023948	cagggcatggctgtgttt	gacattatcaagtaactagtgtgtca
GAPDH	caccaactgcttagcacc	tcttctgggtggcagtgatg