

Table 1

SNP characteristics and population

Gene	rs no.	SNP ^a	Codon/position	Change in amino acid	Function of gene product	Primers		Relative excess heterozygosity (95% confidence interval)	p-value HWE ^b
<i>ATM</i>	rs1801516	G/A	1853	Asp>Asn	DNA repair	---	---	0.802 (0.350 – 1.861)	0.842
<i>GSTP1</i>	rs1695	A/G	105	Val>Isoleu	ROS pathway	5'-ACCCCAGGGC TCTATGGGAA-3'	5'-TGAGGGCACA AGAAGCCCCT-3'	1.104 (0.670 – 1.815)	0.924
<i>SOD2</i>	rs4880	C/T	16	Ala>Val	ROS pathway	---	---	1.798 (1.130 – 2.849)	0.037
<i>TGFB1</i>	rs1800469	C/T	pos.509	–	Pro-fibrotic cytokine	5'-CAGACTTCTA GAGACTGTCAG-3'	5'-GTCACCAGAG AAAGAGGAC-3'	0.993 (0.640 – 1.549)	0.987
<i>XPD</i>	rs13181	A/C	751	Lys>Gln	DNA repair	---	---	1.030 (0.640 – 1.656)	0.987
<i>XRCC1</i>	rs25487	G/A	399	Arg>Gln	DNA repair	5'-TTGTGCTTTC TCTGTGTCCA-3'	5'-TCCTCCAGCC TTTCTGATA-3'	0.735 (0.460 – 1.164)	0.424

^a major allele / minor allele^b p-value of the exact Hardy-Weinberg equilibrium lack of fit test.