

Supplementary data

Table S1. The primers used in qRT-PCR.

Gene name	Forward primer (5'-3')	Reverse primer (5'-3')
<i>COX2</i>	CTGGGAAGCCTTCTCTAACC	ACTGATGCGTGAAGTGCTGG
<i>HMOX1</i>	CTTTGAGGAGTTGCAGGAGC	TAAGGACCCATCGGAGAAGC
<i>NOX2</i>	GGCACACATTCACACTGACC	GCATTGTTCTTTCTCTGCAT
<i>OXR1</i>	TGTCCGGAGTTTGAGGTCTT	GATCTCCATCAAGCCAAAGC
<i>SOD1</i>	AGATGACTTGGGCAAAGGTG	TATTGGGCGATCCCAATTA
<i>SOD2</i>	CTGATTGGACAAGCAGCAA	CTGGACAAACCTCAGCCCTA
<i>PARP1</i>	GGCAGCCTGATGTTGAGGT	GCGTACTCCGCTAAAAAGTCAC
<i>BRCA1</i>	ATCCTCTCAGAGTGACATTTTA	TTATCAGGTTATGTTGCATGGT
<i>BRCA2</i>	ATGCTTCAGAGCCACACACAG	TCATTTGGGTTGATCCAGGTA
<i>RAD51</i>	CAATGCAGATGCAGCTTGAA	CCTTGGCTTCACTAATTCCT
<i>RAD52</i>	CTGCGCGGCCTCCATCTAA	GATTCTGGTTGACCTGCGCC
<i>PRKDC</i>	AAAATTGGTACCCCCGACAG	TTCTCATGACCCAGGAGTAGC
<i>ATM</i>	TGCCAGACAGCCGTGACTTAC	ACCTCCACCTGCTCATAACAAG
<i>ATR</i>	GGGATGCCACTGCTTGTTATGAC	CTGTCCACTCGGACCTGTTAGC
<i>XRCC2</i>	CCATCAGTGACAGACTGGATTA	TCTTGACCTCCTGAGCG
<i>RPL13A</i>	AAGGTGTTTGACGGCAT	CTCTTCTCCTCCAGGTT
<i>LMNB2</i>	CCTGGACATGGAGATCAACGC	CAGGTCGATCTCCTCGATGC
<i>SYNE2</i>	TGCCAGGGCTCTAAGACACG	TTGGATCGGTGACATGAGCC
<i>NUP188</i>	CTTTCGTTCTGACCTCGTTGG	GCTGTGGACTTCCCTGATACC
<i>CDC25A</i>	CAACCACTGGAGGTGAAGAACA	CCCAACAGCTTCTGAGGTAGGG
<i>CDKN1A</i>	CTGCCCAAGCTCTACCTTCC	TGGTCTTCTCTGCTGTCCC
<i>CDKN1B</i>	ACGCCAGACGTAAACAGCTC	TCCAATGCTTTTAGAGGCAGA
<i>P53</i>	ATCCTTACCATCATCACACTGGA	CAGGACAGGCACAAATACGAAC
<i>PCNA</i>	GCCCTCAAAGACCTCATCAA	TCTGGGATTCCAAGTTGCTC
<i>CHK1</i>	CGATTCTGCTCCTCTAGCTCTGC	TGACACACCACCTGAAGTGACT
<i>CHK2</i>	CAGGTTCTAGCCAGCCTTCTAC	GGAGTTCACAACACAGCAGCAC
<i>CAK1</i>	AAGCGTTATGAGAAGCTGGA	CCAAAAGCATCAAGGAGACC
<i>CDKN2A</i>	GGAGTTTTCAGAAGGGGTTTGT	CCTCATTCTCTTCTTGGTTT
<i>CDKN2C</i>	GGGGACCTAGAGCAACTTAC	CGAAACCAAGTTCGGTCTTTC
<i>CDKN2D</i>	CTCCACTAGGACCTTCAGGG	CATGCTGCTGGAGGAGG
<i>CASP3</i>	AACTGGACTGTGGCATTGAG	AATAACCAGGTGCTGTGGAG
<i>CASP9</i>	CGAACTAACAGGCAAGCAGC	CCGACATACCAAAATCCTCC
<i>BAX</i>	GGGTGGTTGCCCTTTTCTACT	CCCGGAGGAAGTCCAGTGTC
<i>BCL2</i>	ATGGGGTGAAGTGGGGGATTG	TTCCGAATTTGTTTGGGGCAGGT
<i>GAPDH</i>	AACGGATTGGTTCGTATTGG	GATTTTGGAGGGATCTCGC