

Online Supporting Material

Supplemental Table 1. Primer sequences and annealing temperature used for qPCR analysis.

Gene		Primer Sequence	Annealing Temp
beta-actin	fwd	TCTTCCAGCCTTCCTTCCTGGGCATG	56°C
	rev	GCTCAGGAGGAGCAATGATCTTGATC	
metallothionein 1	fwd	TCCTGCAAGTGCAAAGAGTG	58 °C
	rev	CAGCTGCACTTCTCCGATG	
ribosomal P2	fwd	ACCGGCTCAACAAGGTTATC	52°C
	rev	TCTTTCTTCTCCTCTGCTGCAG	
TP53	fwd	ATCTACAAGCAGTCACAGCACATGAC	52°C
	rev	TTGTAGTGGATGGTGGTACAGTCAGA	
tyrosine 3 monooxygenase	fwd	GATACGACGAAATGGTGGAGTC	52°C
	rev	CTCAGTCTCAACCATTTGCCGA	
Calpain 6	fwd	GCTTTGAGCTCTTCAAGGTGGAGATG	66°C
	rev	ATGTCCAGAGTCAGTTCCTGAGCTG	
NFkB2	fwd	TCGTACAACCCAGGTCTGGATGGTA	66°C
	rev	TCTTGACAGTGGGATAGGTCTTTCGG	
Myeloid cell leukemia sequence 1 (BCL2-related)	fwd	CTGGAGATTATCTCTCGGTACC	56°C
	rev	AGTTTCCGAAGCATGCCTTGGA	
BAX	fwd	CTTCAGGGTTTCATCCAGGATCGAG	56°C
	rev	CATCCTCTGCAGCTCCATGTTACTG	
GADD45	fwd	GCTGGTGACGAATCCACATTCA	56°C
	rev	CATTCAGATGCCATCACCGTTCAG	
Mdm2	fwd	GCTTCTCTGTGAAAGAGCACAGGA	56°C
	rev	CAAGGTCCTTTTGATCACTCCCACC	
IGF-BP3 (53)	fwd	GGCCATGACTGAGGAAAGGA	56°C
	rev	CCTGACTTTGCCAGACCTTCTT	
p21 (54)	fwd	CAGACCAGCATGACAGATTTT	56°C
	rev	GCGGATTAGGGCTTCCTCTT	