

Supplementary Table S1. PCR primer sequences in this study

Genes		Sequences (5'→3')	T _m (°C)	Size (bp)	PCR cycles
<i>Actin</i> mRNA	F	GGCCAACCGCGAGAAGAT	55	133	35
	R	CGTCACCGGAGTCCATCAC			
<i>MKP1</i> mRNA	F	AAAATGGGGCAGAAGAGAAAGG	56	296	35
	R	ACCCAACACTGGTATTTTCC			
<i>MKP-1</i> (M)*	F	ACGCGTTAAGAGTAGGTCGG	54	155	35
	R	ATCACGTAACGAAACGATAACGT			
<i>MKP-1</i> (U)*	F	GGATGTGTTAAGAGTAGGTTGG	54	158	35
	R	AATCACATAACAAAACAATAACATC			

*Primers correspond to methylated (M) or unmethylated (U) CpG islands within gene promoter regions.