

Supplementary Table 1. Primers used for real-time PCR

Gene	Sequence (5'–3')	Annealing temperature (°C)
CXCL12		
Forward	ACCGCGCTCTGCCTCAGCGACGGGAAG	54
Reverse	TGTTGTTCTTCAGCCGGGCTACAATCTG	
CXCR4		
Forward	ACTACACCGAGGAAATGGGCT	58
Reverse	CCCACAATGCCAGTTAAGAAGA	
PTEN		
Forward	TTTGAAGACCATAACCCACCAC	55
Reverse	ATTACACCAGTTCGTCCCTTTC	
PI3K		
Forward	ACTGCCGAGAGATTTTCCCAC	55
Reverse	TCACTCATCTGTCGCAGGCA	
AKT		
Forward	TACTCTTTCCAGACCCACGACC	53.5
Reverse	CCCGGTACACCACGTTCTTCT	
mTOR		
Forward	ACTCGCTTCTATGACCAACTGA	60
Reverse	TTTCCATGACAACTGGGTCATTG	
Ras		
Forward	ACAGAGAGTGGAGGATGCTTT	61
Reverse	TTTCACACAGCCAGGAGTCTT	
Raf		
Forward	TTTCCTGGATCATGTTCCCCT	60
Reverse	ACTTTGGTGCTACAGTGCTCA	

ERK1

Forward	CTACACGCAGTTGCAGTACAT	60
Reverse	CAGCAGGATCTGGATCTCCC	

ERK2

Forward	TGTACCCTCGCATGACTGTT	60
Reverse	TCCGTGGAACACAACCTCAGA	

JNK

Forward	CCAGGACTGCAGGAACGAGT	60
Reverse	CCACGTTTTCTTGTAGCCC	

p38

Forward	ATGAAGCTCTCCAACACCCG	63
Reverse	GCACCTAAAGGAGAGGGCTG	

Snail

Forward	CCTGCGTCTGCGGAACCTG	57
Reverse	ACATCTGAGTGGGTCTGGAGG	

Twist

Forward	GACGAGCTGGACTCCAAGATGGCA	55
Reverse	ATCCTCCAGACCGAGAAGGCGTA	

TIMP-1

Forward	TGTTTATCCATCCCCTGCAAA	55
Reverse	CAAGGTGACGGGACTGGAA	

TIMP-2

Forward	GGGCCAAAGCGGTCAGT	55
Reverse	TTGAACATCTTTATCTGCTTGATCTCA	

E-cadherin

Forward	TGGCTTCCCTCTTTCATC	54
Reverse	GTTCCGCTCTGTCTTTGG	

N-cadherin

Forward	GCTGACCAGCCTCCAAC	54
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Reverse	CATGTGCCCTCAAATGAAACC	
MMP-2		
Forward	GATACCCCTTTGACGGTAAGGA	54
Reverse	CCTTCTCCCAAGGTCCATAGC	
MMP-9		
Forward	TTCAGGGAGACGCCCATTTC	53.5
Reverse	AAACCGAGTTGGAACCACGA	
Vimentin		
Forward	TGATTAAGACGGTTGAAACTAG	55
Reverse	AGAAAGGCACTTGAAAGCT	
GAPDH		
Forward	AGCCACATCGCTCAGACA	55
Reverse	GCCCAATACGACCAAATCC	
