

Supplementary Table S3. Primers used for methylation-specific PCR.

Gene	Primer pair ID	Forward 5'-3'	Reverse 5'-3'	Amplicon length, bp	PCR cycles	Primer annealing T, (°C)	Ref.
<i>PRKCB</i>	M	TAAGCGTAGTTGGACGAGC	AAAACGACGACCCTACTAC	124	36	56	[27]
	U	TGTTAAGTGATGTTGGATGAGT	AAAACAACAACCACTACTACACC	127			
<i>ADAMTS12</i>	M	GAGTTCGGGAGGAAGATGTATC	ACAACGACTACAAAACCTACCCG	241	35	62	
	U	GAGTTTGGGAGGAAGATGTATT	AAACAACAACCTACAAAACCTACCA	243			
<i>NAALAD2</i>	M	TATTTATTATGTTCTGGGTATTGC	CCTACTACATTCGCGAACTTC	244	35	58	
	U	GTTATTATTATGTTTGGGTATTGT	CCTACTACATTCACAACTTCAA	246			
<i>FILIP1L</i>	M	TACGGTTCGTTTATACGGTC	CGACCTATAAACGTTACGTCA	160	37	57	[28]
	U	GGAATTATGGTTTGTTTATATGGTT	CCCAACCTATAAACATTACATCAC	167			
<i>DAPK1</i>	M	GGATAGTCGGATCGAGTTAACGTC	CCCTCCCAACGCCGA	98	37	66	
	U	GGAGGATAGTTGGATTGAGTTAATGTT	CAAATCCCTCCCAACACCAA	106			
<i>GSTP1</i>	M	TTCGGGTGTAGCGGTCGTC	GCCCCAATACTAAATCACGACG	91	37	60	
	U	GATGTTTGGGGTGTAGTGGTTGTT	CCACCCCAATACTAAATCACAACA	97			
<i>MGMT</i>	M	ATTTGGTGAGTGTGTTGGTCTGTTTC	AAAACGCACCTAAAACCTCGCCC	159	37	67	
	U	ATTTGGTGAGTGTGTTGGTGTGTTTT	AAAACACACCTAAAACCTCACCC	159		64	
<i>P14</i>	M	GTGTTAAAGGGCGGCGTAGC	AAAACCCTCACTCGCGACGA	122	37	66	
	U	TTTTTGGTGTTAAAGGGTGGTGTAGT	CACAAAAACCTCACTCACAAACA	132			
<i>P16</i>	M	TTATTAGAGGGTGGGGCGGATCGC	GACCCCGAACCGCGACCGTAA	150	36	64-30s	
	U	TTATTAGAGGGTGGGGTGGATTGT	CAACCCCAAAACCACAACCATAA	151			
<i>RARB</i>	M	TCGAGAACGCGAGCGATTTCG	GACCAATCCAACCGAAACGA	145	39	60	
	U	TTGAGAATGTGAGTGATTGA	AACCAATCCAACCAAAACAA	145			
<i>RASSF1</i>	M	GGGTTTTGCGAGAGCGCG	GCTAACAACGCGAACCG	169	39	61	
	U	GGTTTTGTGAGAGTGTGTTTAG	CACTAACAACACAAACCAAC	169		63	
<i>ESR1-1</i>	M	TTTTGGGATTGTATTGTTTTCGTC	AACAAAATACAAACCGTATCCCCG	197	37	60	
	U	TTTTGGGATTGTATTGTTTTGTG	AAACAAAATACAAACCATATCCCCA	198			
<i>ESR1-4</i>	M	CGAGTTGGAGTTTTGAATCGTTC	CTACGCGTTAACGACGACCG	151	37	58	
	U	ATGAGTTGGAGTTTTGAATTGTTT	ATAAACCTACACATTAACAACAACCA	158			
<i>MT1E</i>	M	GGATTCGGGAATATCGC	ACGAAAATCGAACCGAAC	217	38	56	[29]
	U	TTTGATTTTGGGAATATTGT	ACAAAAATCAAACCAAACACA	220			
<i>MT1F</i>	M	GTATTCGGAATTTTAAGGGGC	CGAACCGTCCCTTTAAAATC	134	36	56	
	U	TAGGTATTTGGAATTTTAAGGGGT	CACAAACCATCCCTTTAAAATC	139			
<i>MT1G</i>	M	TCGTATACGGGGGTATAGC	GCGATCCCACCTAAACT	131	37	58	
	U	AAGTTGTATATGGGGGTATAGT	CCCACAATCCCAACCTAAACT	137			
<i>APC</i>	M	TATTGCGGAGTGCGGGTC	TCGACGAACTCCCGACGA	98	38	59	Methyl Primer Express v1.0 software
	U	GTGTTTTATTGTGGAGTGGGGT	CCAATCAACAAACTCCCAACAA	108			Methyl Primer Express v1.0 software
<i>RUNX3</i>	M	ATAATAGCGGTCGTTAGGGCGTCG	GCTTCTACTTTCCGCTTCTCGCG	115	38	59	Methyl Primer Express v1.0 software
	U	ATAATAGTGGTTGTTAGGGTGTG	ACTTCTACTTTCCCACTTCTCACA	115			Methyl Primer Express v1.0 software

Abbreviations: M - methylated sequence, U - unmethylated sequence