

Table 1: Primer sequences and PCR conditions.

Sequence ID	Forward primer (5' to 3')	Reverse primer (5' to 3')	Sequencing primer (5' to 3')	PCR conditions
GLOBAL DNA METHYLATION MARKERS				
ALU	biotin-TTTTTATT AAAAATATAAAA ATT	CCCAAATAAAA TACAATAA	AATAACTAAAAT TACAAAC	96°C for 90" 43°C for 60" 72°C for 120" (40 cycles)
LINE-1	TTTTGAGTTAGG TGTGGGATA TA	biotin-AAAATCAA AAAATTCCCTTTC	AGTTAGGTGTG GGATATAGT	95°C for 30" 50°C for 30" 72°C for 30" (35 cycles)
GENE-SPECIFIC METHYLATION MARKERS				
eNOS	TGTAGTTTTAGGGTT TTGTTGGA	biotin- CCCCTATCCCATAC AAT	TATTAGTTTTAGT TTTTATA	95°C for 1' 58°C for 30" 72°C for 1' (50 cycles)
Et-1	TTGTTTGGGGTTGG AATAAAGT	biotin- ATCCTCAACCCAAA TACCCTTTT	GGTAGAGAGTTG TTTAAGTT	95°C for 1' 56°C for 1' 72°C for 1' (50 cycles)
iNOS	AATGAGAGTTGTTG GGAAGTGTTT	biotin- CCACCAAACCCAA CCAAACT	TAAAGGTATTTTT GTTTTAA	95°C for 1' 60°C for 1' 72°C for 1' (45 cycles)
ICAM	biotin- TGAGGGGTATTTTTG ATGTTTGT	ACTAAAAAATACCC CTCCCCCTAA	TCCACACCTAAC AC	95°C for 1' 56°C for 1' 72°C for 1' (45 cycles)
TLR2	GTTTTTTTTTGATTT GGAATTTT	biotin-TTCCAAAC AAATAACCCC	GGAGTTTGTTGG GAAGTA	95°C for 1' 54,5°C for 1' 72°C for 1' (45 cycles)
TNF-alpha	biotin- TGAGGGGTATTTTTG ATGTTTGT	CCAACAACCTACCTT TATATATCCC	ATAAACCCCTACAC CTCTAT	95°C for 1' 57°C for 1' 72°C for 1' (50 cycles)