

PRIMERS	SEQUENCES	T _m ANNEALING	CYCLES
§Beta-2 Micro sense §Beta-2 Microantisense	5'-ACC CCC ACT GAA AAA GAT GA-3 ' 5'-ATC TTC AAA CCT CCA TGA TG-3'	58°C- 1 min	40
§ VEGF sense § VEGF antisense	5'-TCGGGC CTC CGA AAC CAT GAA CT-3' 5'-TCC TGG TGA GAG ATC TGG TTC CC-3'	64°C- 1 min	40
§ bFGF sense § bFGF antisense	5'-AGC AGA AGA GAG AGG AGT TGT GTC -3' 5'-CCC AGG TCC TGT TTT GGA TCC AAG-3'	60°C- 1 min	40
*MMP-2 sense *MMP-2 antisense	5'-CCTGCCCCCTCCCTTCAACCA-3' 5'-GTTTCCGCTTCTGGCTGGGTC-3'	64°C- 1 min	40
*MMP-9 sense *MMP-9 antisense	5'-CCTGCCCCCTCCCTTCAACCA-3' 5'-GTTTCCGCTTCTGGCTGGGTC-3'	59°C- 1 min	40
*E-cadherin sense *E-cadherin antisense sense	5'-GAC CAG GAC TAT GAC TAC TTG AAA CG -3' 5-ATC TGC AAG GTG CTG GGT GAA CCT-3	56°C- 1 min	40
* VE-cadherin sense * VE-cadherin antisense sense	5'-CACTGGAACCCCCACAGGAAAAGA-3' 5'-GGACAGCGTTCTCACACACTTTGG-3'	58°C- 1 min	40
§ MCAM/MUC18 sense § MCAM/MUC18 antisense § MCAM/MUC18 nested sense § MCAM/MUC18 nested antisense § MUC 18 long sense § MUC 18 long sense § MUC 18 long NES sense § MUC 18 long NES antisense § MUC 18 short sense § MUC 18 short antisense § MUC 18 short NES sense	5'-CCA AGG CAA CCT CAG CCA TGT-3 5'-CTC GAC TCC ACA GTC TGG GAC GAC-3' 5'-GTC ATC TTC CGT GTG CGC CA-3' 5'-GTA GCG ACC TCC TCA GGC TCC TTA-3' 5'-CCC TCA CAC CAG ACT CCA AC-3' 5'-GTT CGC TCT TAC GAG ACG GG-3' 5'-GGT CAT CGT GGC TGT GAT TG-3' 5'-GTA GCG TGA TCT CCT GCT TCC-3' 5'-TCA TAC CAG AGC CAA CAG CA-3' 5'-CTC TCC ATC TCC TGC TTC CC-3' 5'-AGA GAG AAA GCT GCC GGA G-3'	52°C- 1 min 52°C- 1 min 57°C- 1 min 60°C- 1 min 58°C- 1 min 60°C- 1 min	40 30 40 30 40 30
§ TYR-OH sense § TYR-OH antisense § TYR-OH nested sense § TYR-OH nested antisense § MART 1 sense § MART 1 antisense § MART1 NES sense § MART1 NES antisense	5'TTG GCA GAT TGT CTG TAG CC-3' 5'AGG CAT TGT GCA TGC TGC TT-3' 5'GTC TTT ATG CAA TGG AAC GC-3' 5'GCT ATC CCA GTA AGT GGA CT-3' 5'TGA CCC TAC AAG ATG CCA AG-3' 5'TCA GCA TGT CTC AGG TGT CT-3' 5'TCA TCT ATG GTT ACC CCA AG-3' 5'TCA TAA GCA GGT GGA GCA T-3'	55°C- 1 min 55°C- 1 min 55°C- 1 min 55°C- 1 min	40 30 40 30
*ABC5 sense *ABC5 anti sense *ABC5 sense *ABC5 anti sense	5'GATGAACAGATGGAGTCAATG-3' 5'CTGCCGTAATAATCCCTGC-3' 5'GCTGAGGAATCCACCCAATCT -3' 5'CACAAAAGGCCATTTCAGGCT-3'	55°C- 1 min 55°C- 1 min	40 30

Supplemental File. Primer sequences and PCR conditions. Sequences were reported § () or designed * from the predicted sequence using the Gene Scan program (<http://genes.mit.edu/genscan.HTML>) § Hoon DS, Wang Y, Dale PS, Conrad AJ, Schmid P, Garrison D et al. Detection of occult melanoma cells in blood with a multiple-marker polymerase chain reaction assay. *J Clin Oncol* 1995; 13: 2109-2116.