

Table S1. Sequences and assay parameters for promoter amplification			
Gene Symbol	Sequences	# of CpGs	Cycle Conditions
PYCARD	Forward 5' – GGAGATTAGAGTGGGAGGAA – 3' Reverse 5' – Biotin - CACCCACAACAACCTCAACTTAA – 3' Sequencing 5' – TTTGGTAGGAGGTTGTA – 3'	12	95°C 15 min; 45 x (95°C 30 s; 56°C 30 s; 72°C 30 s); 72°C 5 min; 4°C Hold
CDH1	Forward – 5'-ATTTTAGTAATTTTAGGTTAGAGGGTTA - 3' Reverse 5' – Biotin -ACCACAACCAATCAACAAC – 3' Sequencing – 5'-ATTTTAGGTTAGAGGGTTAT – 3'	9	95°C 15 min; 45 x (95°C 30 s; 52°C 30 s; 72°C 30 s); 72°C 5 min; 4°C Hold
GSTP1	Forward – 5'- GGGGYGGGATTATTTTATAAG – 3' Reverse 5' – Biotin - AATTAACCCCATACTAAAACTCT – 3' Sequencing – 5' – GGATTATTTTATAAGGT – 3'	13	95°C 15 min; 45 x (95°C 30 s; 55°C 30 s; 72°C 30 s); 72°C 5 min; 4°C Hold
RBP1	Forward 5' – GGGAGGAGAGATAGTTATAATGGATT – 3' Reverse 5' – Biotin - CCAACATCTCCAATACCCAATAA – 3' Sequencing 5' – ATGGATTTTCTYGTAGGT – 3'	14	95°C 15 min; 45 x (95°C 30 s; 51°C 30 s; 72°C 30 s); 72°C 5 min; 4°C Hold
SFRP1	Forward 5' - GAGTCGCGTTTGGTTTTAGTAAA – 3' Reverse 5' – Biotin – AACTCCTACCACCAAACCCTC – 3' Sequencing 5'- GTTTGGTTTTAGTAAAT – 3'	8	95°C 15 min; 45 x (95°C 30 s; 51°C 30 s; 72°C 30 s); 72°C 5 min; 4°C Hold
RASSF1	Forward – 5'- AGTTTGGATTTTGGGGGAGG - 3' Reverse 5' – Biotin – CAACTCAATAAACTCAAACCTCCCC – 3' Sequencing – 5'- GGGTTCGTTTTGTGGTTT – 3'	9	95°C 15 min; 45 x (95°C 30 s; 55°C 30 s; 72°C 30 s); 72°C 5 min; 4°C Hold