

S2 Table. List of oligonucleotides used in this study

Name	Sequence
AP1	ATCTTTTGAGGTCCGGTTCTTT
AP3	CATGGTATGACTTCCAGGTATGG
AP5	ATGTTTGGGCCACCTCCCC
AP7	GATCCAGAATCCTGGTGCTGAG
AP8	TGTATATATCTGACACATGCCTGGA
AP13	TTTCTCGAGTTTTCTTTGCTAGCT
AP14	TAACGGCCTTAAGAGAAATTTCT
AP15	GTACAGAGAGGGAGAGTCACAAAAC
MF79	GAATTGGGTACCAGATCTTTTGAG
MF80	GGGAACAAAAGCTGGAGCTC
MF81	GAATTGGGTATTAGATTTTTTTGAGGTT
MF82	AAAAACAAAACCTAAACTCAAATCTTAATA
MF112	GGGAATAAAAGTTGGAGTTTAGATTTTA
MF113	AAATTAAATACCAAATCTTTTAAAATCC
MF124	GATCCCGAATCCCGGTG
MF125	CTAGCTGTATATATCTGACACGTGCC
AIR up 60 Cy5	/5CY5/TGCGGAATCGTCTAACGCGTGGAATCGTCCGATTGAGGTCGCGATC TCGAATCACGGTGC
AIR down 60	GCACCGTGATTTCGAGATCGCGACCTCAATCGGACGATTCCACGCGTTAGACG ATTCCGCA
AIR down 60 me	GCACZGTGATTZGAGATZGZGACCTCAATZGGAZGATTCCAZGZGTTAGAZG ATT CZGCA
	Z = methylated cytosine