

S1 Table. DNA Methylation Primers

Chromosome	Start	End	Amplicon Name	10F Primer Sequence	T7R Primer Sequence
chr9	21,560,136	21,560,334	mir-31	aggaagagagGAGAGGGAGTTTATTTGTAAGAGTTAGAG	cagtaatacgactcactataggagaaggctAAACCACTCCAATAAAAAACACC
chrX	133,307,701	133,307,836	mir-106a	aggaagagagGGTTGTAAAGTTTGTGTATGAAAA	cagtaatacgactcactataggagaaggctAAAAATCCAACCTAAACTACCAAC
chr1	205,425,371	205,425,523	mir-135b_upTSS	aggaagagagTTGAATTTTTGGGAATTGGTATTT	cagtaatacgactcactataggagaaggctACTACAAAAACCCCTAAAAACCC
chr1	205,418,961	205,419,140	mir-135b_TSS	aggaagagagGGAGGGAGGAGGTTTGTTTT	cagtaatacgactcactataggagaaggctTAAACGAAAACTAAAAATCCCAAA
chr16	56,881,571	56,881,768	mir-138-2	aggaagagagTTGTTTTTAAGAGGTTTAATTAGATTG	cagtaatacgactcactataggagaaggctCTTTAACTCCCCAACTCAAAAAA
chrX	133,678,663	133,678,845	mir-542	aggaagagagGGTTTTTTTTGGAGTTAGAAGGAAG	cagtaatacgactcactataggagaaggctCCCCAAATCAAAATCCCTTAC

List of genomic locations of MassARRAY amplicons (hg19 coordinates) and primer sequences for each amplicon obtained from the Sequenom EpiDesigner software.