

Table SI. Sequence of primers and probes used for methylation-specific droplet digital PCR assays to detect the DNA methylation levels of *SEPT9* and *SHOX2*.

DNA methylation specific assay for <i>SEPT9</i> or <i>SHOX2</i>	Primer sequence (5'→3')	Amplicon length
SEPT9-M	F: TTTTAGGACGTATAGTTTTATTTGGGAAA R: CGCGACTATCCACTCAATCGAAAA Probe: FAM-CGACCTCCCTATCCCGTTACCGAATCCAA	139 bp
SEPT9-U	F: TTTTAGGATGTATAGTTTTATTTGGGAAA R: AAACACAACCTATCCACTCAATCAAA Probe: HEX-ACAACCTCCCTATCCCATTACCAAATCCAA	142 bp
SHOX2-M	F: AAGGGTTCGTCGTTTAAGTC R: AATCGAATCTACGTTTCCAC Probe: FAM-TTTCGGTGGCGGGCGAAAGT	124 bp
ACTB	F: AGGAGGTTTAGTAAGTTTTTTGGAT R: CAATAAAACCTACTCCTCCCTTAAAAA Probe: HEX-ACCACCACCCAACACACAATAACAAACA	129 bp

SEPT9, septin 9; *SHOX2*, short stature homeobox 2; M, methylated; U, unmethylated; ACTB, actin beta; F, forward; R, reverse.