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| --- | --- | --- | --- |
| **DNA methylation Specific Assay for *SEPT9*** | **Primers/**  **probe** | **Sequence (5’ – 3’)** | **Amplicon length** |
| **SEPT9-M** | Forward  Reverse  Probe | TTTTAGGACGTATAGTTTTATTTTGGGAAA  CGCGACTATCCACTCAATCGAAAA  FAM-CGACCTCCCTATCCCGTTACCGAATCCAA | 139 bp |
| **SEPT9-U** | Forward  Reverse  Probe | TTTTAGGATGTATAGTTTTATTTTGGGAAA  AAACACAACTATCCACTCAATCAAA  HEX-ACAACCTCCCTATCCCATTACCAAATCCAA | 142 bp |
| **DNA methylation Specific Assay for *SHOX2*** | **Primers**  **/probe** | **Sequence (5’ – 3’)** | **Amplicon length** |
| **SHOX2-M** | Forward  Reverse  Probe | AAGGGTTCGTCGTTTAAGTC  AATCGAATCTACGTTTCCAC  FAM-TTTCGGTGGCGGGCGAAAGT | 124 bp |
| **ACTB** | Forward  Reverse  Probe | AGGAGGTTTAGTAAGTTTTTTGGAT  CAATAAAACCTACTCCTCCCTTAAAAA  HEX-ACCACCACCCAACACACAATAACAAACA | 129 bp |

**Supplementary Table 1.** Sequence of primers and probes used for MS-ddPCRs assays to detect the DNA methylation levels of *SEPT9* and *SHOX2*.