Table S1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Gene/PCR** | **Strand** | **Primers and probe sequence** | **Location** | **Annealing temperature** |
| APC/BSP | S | F: atttttttgtttgttggggatt | 35105-35585 | 56 |
| R: ggaaatttatttttagtgttgtag |
| AS-1 | F1: acaaatcatcactctaacaactcaat | 34809-35346 | 55 |
| R1: aagtttggttatggtggtttta |
| AS-2 | F2: atcaactaccatcaacttccttac | 35101-35383 | 56 |
| R2: ttttagtgatattttggygggttg |
| APC/MSP | S | F: tattgcggagtgcgggtc | 35,205-35,222 | 65 |
| R: tcgacgaactcccgacga |
| Probe: 5′-FAM-aaaacgccctaatccgcatccaacg-BHQ1-3′ |
| AS | F: tgcgtttatatttagttaatcggc | 35,246-35,321 | 56 |
| R: gaaatacgaatcgaaaaacgaa |
| Probe:5’-FAM- acgctccccattcccgtcga-BHQ1-3’ |

*APC*, adenomatous polyposis coli; AS, antisense; BSP, bisulfite-specific PCR; MSP, methylation-specific PCR; PCR, polymerase chain reaction; S, sense **0% 100% 100%**