Afp:

TTTTGTTATAGGAAAATAGTTTTTAAGTTACAAAGCATCTTACCTATCCCAAACTCATTTTCGTGCAATGCTTTGGACGCAGCGAAATGTAGCAGGAGGATGAGGGAAGCGGGTGTGATCCACTTCATGGCTGCTGGTTCCTTCACCGCAGGCAGTGCTGGAAGTGGGATGTTT**CGGGGMCCATDDDDDDDDATGGGHCC**CGAAACATCCCACTTCCAGCACTGCCTGCGGTGAAGGAACCAGCAGCCATGAAGTGGATCACACCCGCTTCCCTCATCCTCCTGCTACATTTCGCTGCGTCCAAAGCATTGCACGAAAATGAGTTTGGGATAGGTAAGATGtTTTGTGATTT

5‘-CpG1-14bp-CpG2-3bp-CpG3-25bp-CpG4-35bp-CpG5-3‘

Tex13:

AATAGTTGTTTtTtATTTTTTGTTTGtTTTTTTTTCTGGTAATTAGATGTCGCTCCCTACACCTGACATCCTCTCACGCCCCCCGCCCCCCTTGCCAGTCCTGGAAGTTGGAACAGTCCAAGAGTAAACCTCGCGAGACTTTGAGACTTCCGATGAGACTTGGCCTTCGCGCGTTTTTTTTTTCCACGGCTGCAGGGttTADDDDDDDDTAGGtttTGtAGCCGTGGAAAAAAAAAACGCGCGAAGGCCAAGTCTCATCGGAAGTCTCAAAGTCTCGCGAGGTTTACTCTTGGACTGTTCCAACTTCCAGGACTGGCAAGGGGGGCGGGGGGCGTGAGAGGATGTCAGGTGTAGGGAGCGACATCTAATTAttAGAAAAAAAAGtAAAtAAAAAATGAG

5‘-CpG1-24bp-CpG2-5bp-CpG3-46bp-CpG4-0bp-CpG5-15bp-CpG6-15bp-CpG7-0bp-CpG8-0bp-CpG9-13bp-CpG10

L1:

CCCGGGACCAAGATGGCGACCGCTGCTGCTGTGGCTTAGGCCGCCTCCCCAGCCGGGTGGGCACCTGTCCT**CCGGAGGGMCCATDDDDDDDDATGGGHCCT**CCGGAGGACAGGTGCCCACCCGGCTGGGGAGGCGGCCTAAGCCACAGCAGCAGCGGTCGCCATCTTGGTCCCGGG

5‘-CpG1-12bp-CpG2-2bp-CpG3-19bp-CpG4-10bp-CpG5-3‘

mSat:

GGAAAATTTAGAAATGTTTAATGTAGGACGTGGAATATGGCAAGAAAACTGAAAATCATGGGAAATGAGAAACATCCACTTGTCGACTTGAAAAATGACGAAATCACTAAAAAACGTGAAAAATGAGAAATGCACACTGAA**GGNTGGGXTTATDDDDDDDDATGGGYTTCC**TTCAGTGTGCATTTCTCATTTTTCACGTTTTTTAGTGATTTCGTCATTTTTCAAGTCGACAAGTGGATGTTTCTCATTTTTTATGATTTTTAGTTTTTTTGTT

5‘-CpG1-13bp-CpG2-14bp-CpG3-3‘ rot = Mutation, kein CpG mehr

IAP:

TGTCACTCCCTGATTGGCTGCAGCCCATCGGCCGAGTTGACGTCACGGGGAAGGCAGAGCACATGGAGTAGAGAACCACCCTCGGCATATGCGCAGATTATTTGTTTACCACTNAGGGMCCATDDDDDDDDATGGGHCCTAAGTGGTAAACAAATAATCTGCGCATATGCCGAGGGTGGTTCTCTACTCCATGTGCTCTGCCTTCCCCGTGACGTCAACTCGGCCGATGGGCTGCAGCCAATCAGGGAGTGACA

5‘-CpG1-2bp-CpG2-6bp-CPG3-3bp-CpG4-35bp-CpG5-7bp-CpG6-3‘

Gelb = Analysierte CpGs

Grau = Hairpin Linker (CpGs innerhalb dieser Sequenz werden nicht Analysiert)