

Pyrosequencing

Name	Sequence (5' to 3')	Length
PYRO 1 DIR	GAGTAGGTATTTTATAGGAAATGGATG	28
PYRO 1 REV	Biotin-AATAAAAAAAAAATTCCTTAAACATACTCA	28
PYRO 1 SEQ	TTGTTTAGGTGTTGGTGG	18
PYRO 2 DIR	TTAGGTTTTAGTTAGGGATAGAGGAAGT	28
PYRO 2 REV	Biotin-CCAAACCCTAACTCCTAAATTATTTATAAC	30
PYRO 2 Seq	TTTGTITTTTAGTTAAGTTAGAGGGT	25
PYRO 3 DIR	GGTTGGGGGTTAGAGGAATT	20
PYRO 3 REV	Biotin-CCCCATCCCCAATAAATAA	19
PYRO 3 Seq	GGGGTTAGAGGAATTG	16

ChIP-qPCR

Name	Sequence (5' to 3')	Length
ChIP 1 DIR	TATGGCTTTATGCTGTTTTTCAA	23
ChIP 1 REV	CTCATCCCGGCCGCATTAGAC	21
ChIP 2 DIR	CGCCGCGGTGAGTATGTTTA	20
ChIP 2 REV	GACGTGGCGGGAGGCAGGAG	20
ChIP 3 DIR	CCAGAAGCCGGGTCATAAATAAT	23
ChIP 3 REV	AGCGAACCCGTCCACTCCTCACT	23
ChIP 4 DIR	GAAGTGGGGGAGAGCGTGGTG	22
ChIP 4 REV	TCCCCGAGAGCGAGTCCGAAGTC	23
ChIP 5 DIR	CGACCACAGCGGGAGTAG	18
ChIP 5 REV	GCGAGAGGCTGGGAAGGT	18
ChIP 6 DIR	CCGCCCCGCCGCTCATTC	18
ChIP 6 REV	GCTTCCCCGCCCTTTACCTC	20
ChIP 7 DIR	TGCGAACCCTATGCGAAATCC	21
ChIP 7 REV	TAAAGGGCACTGCTGAATAGACA	23
ChIP 8 DIR	TTGCTGGAATGAATTAGATACTGT	24
ChIP 8 REV	CTGAGGCGCCCAAACTGTGT	20

Methylation Specific PCR

Name	Sequence (5' to 3')	Length
MSP1-M-dir	GGCGGTTTTATATTTAGGTTTTTCGTTC	27
MSP1-M-rev	CGAACCTCGAACGTAACG	19
MSP1-U-dir	TTATTATGGTGGTTTTATATTTAGGTTTTTGT TG	35
MSP1-U-rev	ACTACAACCAAACCCTCAAACATAACA	27
MSP2-M-dir	GTGGTGGTGTCTGGTGTTT	18
MSP2-M-rev	AATAAATAAAAAAAAAAACCCAAACGAAACGT CG	33
MSP2-U-dir	AGTGTGGTGGTGTGGTGTGTTG	22
MSP2-U-rev	CAATAAATAAAAAAAAAAACCCAAACAAAACAT CA	34

qRT-PCR (SYBR Green)

Name	Sequence (5' to 3')	Length
qPCR-CD133-DIR	TTGCGGTAAACTGGCTAAG	20
qPCR-CD133-REV	TGGGCTTGTCATAACAGGAT	20
qPCR-HPRT-Dir	CCAAATCCTCAGCATAATGATTAGG	25
qPCR-HPRT-Rev	GATGATGAACCAGGTTATGACC	22