

Table 2. Oligonucleotides used in the detection of promoter associated RNA and mRNA in various RNAPII promoters EF1a, CCR5 (promoter associated RNA and GFP mRNA), p16, RASSF1A, NF- κ B (p105 subunit), and Cyclin D1 promoter-specific and mRNA-specific oligonucleotides used in this study.

Primer	Sequence
EF1-alpha pRNA and mRNA specific oligonucleotides	
803 (EF1a pRNA)	5'-AAGTGGGGGGAGGGGTCGGCA-3'
804 (EF1a mRNA)	5'-GCACTTACCTGTGTCTGGCGGC-3'
805 (EF1a pRNA)	5'-GAAAAAAGAACGTTACGGCGACTA-3'
EFpRNAFor (EF1a pRNA)	5'-GGAGGGGTCGGCAATTGAAC-3'
EFpRNARev (EF1a pRNA)	5'-GGAGCCAGTACACGACATCAC-3'
1064F (EF1a mRNA)	5'-CTGAACCATCCAGGCCAAAT-3'
1128R (EF1a mRNA)	5'-ATGTGAGCCGTGTGGCAAT-3'
3'RACE F	5'-CACAGTCCCCGAGAAGTTG-3'
EF0108F2 (EF1a mRNA)	5'-ACCCCTAAAAGCCAAAATGG-3'
EF0108R (EF1a mRNA)	5'-CCCGAATCTACGTGTCCAAT-3'
CCR5 pRNA and mRNA specific oligonucleotides	
5-R5-CHIP-2 (CCR5 pRNA)	5'-GGGGTCTCATTTGCCTTCTTAGAGATCACA-3'
3-R5-CHIP-3 (CCR5 pRNA)	5'-TAAGTATATGGTCAAGTTCAGGTTC-3'
5'CCR5 (CCR5 mRNA)	5'-GCTCTCATTTTCCATACAGTCAGT-3'
3'CCR5 (CCR5 mRNA)	5'-TTTTAGGATTCCCGAGTAGCAGA-3'
p16 pRNA and mRNA specific oligonucleotides	
5'-p16 (p16 pRNA)	5'-AGGAATCCTTTGAACTAGGGTTTC-3'
3'-p16 (p16 pRNA)	5'-TCACCTGTACGACTAAGAAAGTGT-3'
5'-p16mRNA (p16 mRNA)	5'-CCCCTTGCCTGGAAAGATAACC-3'
3'-p16mRNA (p16 mRNA)	5'-CTTTCTTCTCCGGTGCTGG-3'
RASSF1A pRNA and mRNA specific oligonucleotides	
5'RasP (RASSF1A pRNA)	5'-GCCTCCAGAAACACGGGTATC-3'
3'RasP (RASSF1A pRNA)	5'-TTGCCCTTCCTTCCCTCCTT-3'
5'RasM (RASSF1A mRNA)	5'-GCCGCCAGAAGATCCAAGAG-3'
3'RasM (RASSF1A mRNA)	5'-CTGTCACACTCACACGGCAC-3'
5'ras-1 (RASSF1A pRNA)	5'-GAAGGAAGGGCAAGGCGGGGGGGCTCTGC-3'
3'ras-1 (RASSF1A pRNA)	5'-GGCCCGTTGGGCCCGTGTTCGCT-3'
5'RF1A (RASSF1A mRNA)	5'-TGGTGCGACCTCTGTGGCGACTT-3'
3' RT4 (RASSF1A mRNA)	5'-GATGAAGCCTGTGTAAGAACCGTCCT-3'
NF-κB (p105 subunit) specific oligonucleotides	
5'p105P (p105 pRNA)	5'-GCTATGGACCGCATGACTCTATC-3'
3'p105P (p105 pRNA)	5'-AATCAATGGTCGGGGAACGC-3'
5'p105M (p105 mRNA)	5'-ACCCTGACCTTGCTATTTGC-3'
3'p105M (p105 mRNA)	5'-CCGGAAGAAAAGCTGTAAACATGA-3'
Cyclin D1 pRNA and mRNA specific Oligonucleotides	
5'CycD1p (CyclinD1 pRNA)	5'-GAAGATGCAGTCGCTGAGATTCT-3'
3'CycD1p (CyclinD1 pRNA)	5'-CCTGGGGAGACCACGAGAAG-3'
5'CycD1m (CyclinD1 mRNA)	5'-CTGAGGAGCCCCAACAACCTTC-3'
3'CycD1m (CyclinD1 mRNA)	5'-CAGTCCGGTCACTTGTATC-3'