

Figure S2

Mir-181a promoter sequence:

-2000 CTCGAAATAA TTTAGAATAT AGAGCCTAAA GTTTACTATC TTCTCTGACA
-1950 TTAGATTAAT TGGAAGCAAG AACACAGAGA TCCTATTTTC CATTGTGGAG
-1900 GATTTAAACT GTTAAGATAT GAGGTTTTAT CTTTAACAAA CTATGACTAT
-1850 GATTAGCCCA AGGAAAGAAA AAATAATTAA TCACTTTATT TATCATTGCT
-1800 ATTTTATGTG TAAATAACAA GACATTTAAT GTAA **CTTGTA TTGTTTCAAG**
P63RE
-1750 TGAATCATT TAAGATTTTT AAGAATTTTA ATGTTAA **ATC AATTATA**GTT
Oct-1
-1700 AAGATTTTTA TTCTAAGAAT GTAACAACTT TAGGATTAAG TTAATTGTAT
-1650 TCTTCCAAAG ACTTCTAGGA GAATATTTTG GAAAACAAAA GATAACATAG
-1600 TTATGCCT **TT TAATTATTTG** TAACTG **ACCT AGAG**CTTTGC TTA CTGTTAG
Oct-1 AP-1
-1550 GCCAAATGCA TTTTGTGTTA AGGGAAAATA CAGAGCATGG AGTCTTTTAT
-1500 CACAACATCC CTATTATACA AACGTTAG **CA GATGTAGCAA GAG**ATGAATA
C/EBPβ
-1450 GG **CATGATTG AAAACATG**TG TATATTGA **CC TGACACTAAT ACCACAAG**AG
P53RE P63RE
-1400 GCAGGCAACA GAA **CAGGAGT GATATGCTTG** CAGTCGTAAT TGATAATGCA
P63RE
-1350 AACAAATGAA TCCTCAGTCT CATGATAATA TTCTTTCCAG CAGCAACACA
-1300 GAAATGCCTA CTGATAAAGC ATTCTTCTAG GGTTTTATTTC TGTGGGAGAA
-1250 ATTTGCTTCT TTCAAAAGAA T **TAAACAATG C**AAAATTCAG ATACATCACT
Sox-5
-1200 GTTTCATATT CTGTGCCTAT TTGTCACTTT AAAATTTACT TCCAGTTGAT
-1150 CTCTAGTCCC TGTTTCTCTC AAAAAAATC TGTTGAAGTT TTCATGTAAA
-1100 TAGTTTGTCT AAAAGGT **TAA ACAATTA**TTG GCTTTAAAAT AATTCTAAGT
Sox-5
-1050 GACTGAAATG TAAGAATGTG TAAAAATTTG GGATACATAT TTCACTAACA
-1000 TTTTCGAGAGT AATTGCCTTG ACTTGAATAG ACCATTATCA CCTTCAAAGT
-950 AGCATTCCAA ATTATTGTGG GTTGTCCCTC CTACAGATAA TTA CTCTATA
-900 ACCATATTAG ATGCAACTTA AATGTGTGAA ATAATGACTT TCTATT **CTGG**
-850 **TTTAGATACA TCCAAG**GTGA CTTTTGTTTT AATTGATGGT AGAAAATTAT
P63RE
-800 TGAAAATGGC TCTAAAAATA AATTCAGTAG AGTTCATAAT AATTTTAAAA
-750 TAA **GCATTAA TGATA**AAACA GTCTTAGAAA ATAAGACTAT GAAAAGAATC
Oct-1
-700 CCTCACCCAT CTACCATAA AGAGATGTTA GATGTTAGAT GTTATTTAAA
-650 ATAATAGGAA ATGAACGGTT TTGTAGCATA CATAGATTGT ATTTACCTTT
-600 CACTGTATTC ATGAACTCTT TGTGCCATAA ACTAAGAAAA ATGTATTGAG
-550 CTGGTTTCTT CACTTATAAT TTGTTTCTAGCA TTTTCTAAAT AAGATTGTTC
-500 TTAGGAAGTT ATACTAATTT TAAAACCTTA TTTTAGAATA AAATATAGTA
-450 AATATATAAT GTAAATATAA ATGATATCAT CAATG **CCAAT** **TTGAGGAA**AT
NF-Y C/EBPβ
-400 CTAAGGTAAT TCTGTTTAAAT TTCTGTATAA GCTATATACA TAATG **CTTGC**
-350 **TTACTATACG TG**TAACAATA TTTAAATTAT AAGATATTGT TTGGATTTTA
P63RE
-300 TACCACAAAG TACTTTGAAT AACAAATTGT CCCTGTCTTT AACAGTGAGA
-250 TAATTCCATC TCTGGAAC TA **GCCCAAT**ATC GGCC **ATGTTT TTGCTTGATG**
NF-Y C/EBPβ P63RE
-200 **AAACAGG**TCC TTTTCTCTCA TACAATGTGA TGTGGAGGTT TGCCAAACTC

Specific region primers:

Sense primer, (-435) 5'-TATAAATGATATCATCAATG-3' (431), and antisense primer, (-186) 5'-TCTCTCATAACAATGTGATGT-3' (-168) yielding the 257 bp PCR fragment.

Non-specific region primers:

Sense primer, (-2000) 5'-CTCGAAATAATTTAGAATAT-3' (-1981), and antisense primer, (1890) 5'-GTTAAGATATGAGGTTTTAT-3' (-1871) yielding the 130 bp PCR fragment.

Figure S3

Mir-519a promoter sequence:

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-2000 GTTTTGTTTG GTTGGTTATT TTTGAGACAA GGT CTGGCTC TGTCATCCAG
                                             P63RE
-1950 GCTGGAGTGT AGTGGTGTGA TCTCAGCTCA CTGCAACCTC CACCCCGAC
-1900 CTAAGCCTAC TGAATTAGTG TCTA CAGGCA CGCACTACCA CACCTGGCTC
                                             P63RE
-1850 ACTTTTGTAT TTTTGTACA CATGGGGTTT CACATG ATTG CCGGGGCTGG
                                             P53RE
-1800 TCTCAAACT CTGTGCTCAG GTGATCCTCC CATCACGGCC TCCTAAAGTG
                                             P63RE
-1750 CTGGAATTAG AGGTGTGAGC CGCCACGCC CACCTGTACT TGTGTATCTC
-1700 TGTTCAAATG TTTACTGAGGA GCTTTTACAG CGTAACCTGT GGTCTATCCT
-1650 GGAAAATGTT TGTGTGTGAG ACAATGTACA TTCTTCAACA TCTTAGATTG
-1600 CAGTTTGGAT GCTCCCGT CA GGACTGTGTG TCCCTGTGCT GGGACTCAAG
                                             P63RE
-1550 TGAACACTGG GCTCTCCATC CATTGCTGTT GTCTAGAAAT CCAGC CCAAT
                                             NF-Y
-1500 TCTCTTGGGT AAATATGAGG TATGTGTAGT AGGCATTGCT TTTTCTTTCT
-1450 GGAGACAAAG CT CAGGAGGA TTGCCCTTG ATAAACAAAG CTAACCTGCT
                                             P63RE
-1400 GATTCTTTGA AGCAAGGAAC TGGAGATGGT CTTTTAGGG GTTTATATTC
-1350 TGGATTCCAG AAAACATGCA AA CAGGACCA ATAAATGCGT GCTTATTTTTT
                                             P63RE
-1300 GTGTCTGTTT TAACCTGGTC AAGGAAAATT CCAACAAAAA ATCCACGATG
-1250 CTGGAG CATG AAGATCTCAG GCTGTGTCCC TCTAGAGGGA AGCGCTTTCT
                                             P53RE
-1200 GTTGTCTGAA AGAAAAGAAA ATGGTTCCTT TTAGAGTGTT ACGCTTTGAG
-1150 AAAAGCATCG CTGATCTTGG TAACACATTT GCAGAGAATG CTTATAATCA
-1100 GACGTGGATG ATGTTGAAGT TTTGCGTTTG TTTTGTTTTG TTTTTTTTCC
-1050 TAGACAGGGT GTCTGCTGCC CAAACTGGAG TGCGGTGGCA CTTCCAACCT
-1000 AGACCTCTTG GGTTTAAGTG GCCCTCTATT TTGGGATAGA GTCTTGCTCT
-950 GTGGCC CTGGCTGGAGTGCA GTGTCAGGAA CTCTGCTCAC TGCGACCTCT
                                             P63RE
-900 GCCTCCTAGG TTCAAGCGAT TCTCTTGCCT CAGCCTCCTG AGCAGCTGGG
-850 ATTACGGGCA TGTGCCACCA TGCCTGGCTA ATTTTTGTAT TTTTTATTAT
-800 TTATTTATTT ATTTATTTTT GAGACAGAGT CTCGCTCTGT CACCCAGGCT
-750 GAAGTGCAGT GGTGCGATCT TGGCTCACCG CAACCTCTAC CTCCCACCTC
-700 AGCCTCCTGA ACAGCTGTCT C CAGGCGTGC ACCACCACAC CTGGCTAACT
                                             P63RE
-650 TCTGTATTTG TTTTACAGTC ATGGTTTCAC CATGTTGCC C GGGCTCATCT
-600 TGAACCTCTG AGCTCAAGTG ATCCTCCCGC CTCAGCCTCC TAAAGTGCTG
-550 TGAGCCACCG TGTCCAACA CTACTTGTGT GTTTCCGTTT AAATTGTATT
-500 GAGGAGCTTT TACAGCATAG CTTGTGGTCT CTCCGGGAGA ATGTTTTTGT
-450 TTACGACAAT GTATATTCTT CAACATCGTA GATTCCATTT TGGATGCCCT
-400 CATTGGGACT GTGTGTC CCT GTACTGGAAC TCAAGTGAAC ACTTGGCTCA
                                             P63RE
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Specific region primers:

Sense primer, (-1649) 5'-GAAAATGTTTGTGTGTGAG-3' (-1630), and antisense primer, (-1420) 5'-TAAACAAAGCTAACCTGCT-3' (-1401) yielding the 250 bp PCR fragment.

Non-specific region primers:

Sense primer, (-650) 5'-TCTGTATTTGTTTTACAGT-3' (-631) and antisense primer, (-540) 5'-TGTCCCAACAGTACTTGTGT-3' (-521) yielding the 130 bp PCR fragment.

Figure S4

Mir-374a promoter sequence:

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-2250 TTATCGAAGA GACTTCTAGA ATTAGTTATT TGTCAAAAGA TTTGAACATT
-2200 ATAAAGAATT GGCATATTTA CTTTTCAAAA AATTAATGTC AGTTTTTGTA
                Oct-1                C/EBPβ
-2150 CCCAGTCATT TAGGTACTTA TAAAAAATGT TTTTGCTTTT TTTTTTTTTG
-2100 CTGACTCCAA TTGTAAATGA ATGAATGATA TCTCTGTGGG GTTTTTTTTGT
                NF-Y
-2050 TTTTGTTTTT TTCTGAGACA GGCTCTCCCC CTGTCGCCTA GGCTGGAGTA
                P63RE                P63RE
-2000 CAGTGGCGTG ATCATGGCTC ACTGAAGCCT CCAATTCCAG GGCTCCAGAG
                P63RE                NF-Y
-1950 ATCCTCCTAC CTCAGCCTCC TGAGTAGCGG GAGTACAGG TGTGTGCCACC
                P63RE
-1900 ATGTCCAGCT AATTTTTTAA TTTTTTTGTA GAGATGGAGT TTTGCCATGT
-1850 TGCTCAGGCT TGTCTTGAAC TCCTGGGCTC AAGTGATTTT CCCACCCCGG
                P63RE
-1800 CTTCCCAAAA TGCTGGGATT A CAGGGGTGA GCCACCATAC CTGGCCGATA
                P63RE
-1750 TCTTTGTTTT GTGATACAGT TCTCTGATTA TTAGTGAGGC TGGACTTTTA
-1700 GATCTTAATT ACTAGCTCTT ATTTCCTTTT GTGAATTATT CAATTTGTGC
-1650 CTGAATGTTA TTTGTAAGTT GCAAATGTCG TTTGTTGCAG ATATGCTCCC
-1600 AGTAATATTT GTTGCCATTG AGTCTGAAGA AATGTTTGCA ATTCCAAATA
                C/EBPβ
-1550 TAACTGCTGT GTGGATACAT GTCTGGTTCT TGGTAGCCAT TTTGAGATAA
-1500 CATTTGTCTG ACCTCTATCT TATTTTTGTT TTTATTTTTA GAGTGGAGGT
-1450 CTTGCCCATG CTGGTCTCGA ACTCCTGGGCTCAAGCAATC TTTCTGCCTC
                P53RE
-1400 CGCCTCCCAA AGTGCTGGGA TTACAGGCAT AAGCCACCTT ACCCAGCCTT
-1350 GTCTGACCTT TAAACAGAAA TCCATTTCTT TTTATCTAAA AGGAAAGCAC
-1300 TTTTGAGTAC TGTACAACAG TGGTGCTTCC TGGCCCTGGG CATGGGGAGA
                P63RE
-1250 AGACAGGGCA ACATTTTGTC CCTAATGAGA AACTAATTTA GACAAGAAAC
-1200 AAAACAGCGG TCCCTTCTCC CCCATCCAAT CAGGGACTGG TCTTATTTTA
                NF-Y
-1150 AATATTTCTG AGTGGTCTGA GGGAGGATAT GGGCAATATT GAAGTGTTCA
-1100 CATTATATA TACTGTTAAA TGCTTTGGGG ATGTGAAATG CTAATAGGAA
-1050 CAGGCTAGCA TGTGAGAAGG CACCATGAGT GGGCTAATTG GCAGAAAGGA
                P53RE
-1000 ACAGTGATA GGCAAGAGCA GTGAAATAAC TTTAGGGGAA AATAGTATGT
-950 TAAGCTTATT AAATAACAGC CTCATAGAGA CATTGGGTCC CAAAACAGTG
-900 ATCTCAGTAT AACTGTCAAC AACTTGCTGA TGTTATCAGC CCTATTTGCT
-850 GTTCAGAGAC AAAAAAGCCA GTAAAAACCT AGGTATTATT AAGAAAGGTA
-800 TGAGGCACAG AAAAAAGCCA TCTTATCTTT GTATAAAACC ATCTGAACCA
-750 AATAACTATT ACAGTAATAA TCTTGCCTCA AGGAGTCTGT TACTATCACT
-700 CACATGATTT TGAAAAGGGA GTGGGCAGAG TGTGTTATCT CTCTGTTTCA
-650 TTTTTTCTTGT TTATAATACA TAGGTGAATT AGATATTCTC AAAGGTCTTG

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IRF2

-600 GAGGGGTCTA ATTCTGG**TTT CCGAAA**CTG AATGTTATTT CTAGTTTAGA
STAT
-550 GAATCTGTTT AATTATGTTT ATTAATAAAA CTTTTCTAAC TTATTCCTAC

Specific region primers:

Sense primer, (-2150) 5'-CCAGTCATTTAGGTACTTA-3' (-2131) and antisense primer, (1914)5'-ACAGGTGTGTGCCACCATGTC-3' (1895) yielding the 255 bp PCR fragment.

Non-specific region primers:

Sense primer, (-1000) 5'-ACAGTGTATAGGCAAGAGCA-3' (-981), and antisense primer, (-890) 5'-AACTGTCAACAACCTTGCTGA-3' (-871) yielding the 130 bp PCR fragment.

Figure S5Mir-630 promoter sequence:

-1700 GTTTGAGTGT CATA**AATCCA CGTGTTCCT**G TTGCAACAAA TACCCAAAAA
MAX
-1650 TTGTGTGTGC ACTTCCTAAT ACCAGTCTTC ACCCATGGAG GAACAGTGCT
-1600 TTTTAGAGAT GCTTTCTATT TCAATGTTGG CATACTG**CCT GAGGGTATTG**
P63RE
-1550 CAGTTGTGGG TGCATTCCCT AATTTGTATG ATCAAGATGA ACTGGCCCTT
-1500 **TTCTACTTCC AAG**CTTTTAA CAGATACCAC CATATTTGAC AGAATTCCCA
-1450 GAGTGAATTG CTTGTGTTAT TAGTAGATT CAGTCCCA GCTGGGATAG
-1400 G**CAAGCCATG ACAGCTTCCC TG**TTTCACCT ACAGAAGTCT TATCTGAGGG
P63RE
-1350 ATCTATTCAC AGTAAGCAC**C ATGGTCTCCA TGTCTTCAGG** TCAGTTTCAT
P53RE
-1300 T **GTCTTTTGA AAAGT** GCATG CTTCATT**TGA ACAATTCATT C**AGCAGCAGA
C/EBPβ Sox-5
-1250 TGGACTTTCA GTGATTTAAA ATAAAATTTT GATCCAAAGC T**CAGGACACA**
-1200 **AACCACAGG**T GTAAAATTGA GTAGCATATA ATATCAGACT AAATTATCTG
P53RE
-1150 TAATTTTCCA CAACCCAGAT TGTATGTGTT TTATGTGTGT TTAAATAAAT
-1100 ATGTTAG**ATA CACGTGTATA** CATAACCCA TATAACAG ATCCAAGACT
N-MYC
-1050 GG**CTGACTTC AT**TTGAAATG GTTGAATCTG CTG**TGTAATA AAGTG**GTTCA
AP-1 Oct-1
-1000 AC**CATGATTA GGACATG**AAA TTTAGTAGAA GAGGGA**AAAG GAGTTAATG**T
P53RE p300
-950 AACAAATTAT TTTAGCTACA AACCCCGGTA ATAGAGCACT TGGGGGATGG
-900 GATGGGGTGG GTTGGTGAGA CAATG**CCAAT** TGTA AATTGA TTAAATGCTC
NF-Y
-850 CTAACCCTGT AATTTTGTGC ATAGAGCACC CTATGCTGTG GAAATAACTG
-800 TTCTTAGATT TCATTGTAA**C TGGACTGTT CAGG**TTGCCA GAGGGAAAAG
P63RE
-750 ACATTCCTAA TTCTAATAAA ATAACTTTT ATTTTGTAT TCCATTAGTT
-700 ACTTATGTTT ATTTTATAG TTAATAAATG ACTAAAGGTG GCTAATAGCC
-650 ACCCGTATTA TGTGCCTTAT TCACTGTTCC CACTTAATAT AAAATGTCAA
-600 AAATTGGTTG TTTCTTTGCA GGAAGTGTG AATGAGCCCA **TTCCCCCAAC**
STAT
-550 ATTTAACTT**G GTTAATGAAG CT**TTTCAGAGC ATTTTCTGAA AGATTTCCAA
Oct-1
-500 TTTCTGCATC TCAGATATTG AATTTAAATT GTTTGTGTTG TAACAGTGAT
-450 ACAA AATGT TCAATAGCTC TTTGAATGCC ACTTTTTTTA AAGAAAATAC

-400 TTTAAAAGTC ATTCTTAGCT AACCTCAAAA CTCCTTTACA TTACTTTCAT
-350 TTTAGCTCAC TCTTAAAGCT GATACTGTTA TATAGGGATG AAGGGAGAGT
-300 TTTCTTAAAG AAGGTCCCAA AGTTGAAGAT CGTTTGTTCAT TGATACTCTG
-250 GC **CAAGTCCA GGTTTTAGGA CATG**TTAATT TACTCTTATT TGGATCTGTA
P53RE

Specific region primers:

Sense primer, (-899) 5'-ATGGGGTGGGTTGGTGAGA-3'(-881), and antisense primer, (670) 5'-ACTAAAGGTGGCTAATAGCC-3'(-651) yielding the 249 bp PCR product.

Non-specific region primers:

Sense primer, (-480) 5'-AATTTAAATTGTTTGTGTTG-3' (461), and antisense primer, (-380) 5'-ACTCCTTTACATTACTTTCA-3' (-351) yielding the 130 bp PCR product.

Figure S6

Mir-885-3p promoter sequence:

-2350 AGACTGGGTT **CCAAT**CCCAA CTCTACTCCT TAGCCAG**GGA CCCCCAACAA**
NF-Y C/EBPβ
-2300 GCTTCCCCC CTTTCTGATT ATAGCCCCAG CTCATGAGGT TGTGTTGAAA
-2250 TCTGGAACCT CCAGAAATGT CCA**TTTCGCC** CTCTCATCCT TCATCTCAAA
E2F
-2200 TGTCTCCCCT TTCCACCTC TCTGGGCTAC CCCCTTCCTC TTCATCATCC
-2150 AACTCCTCCC TACCTTCAG**C CTGCAGCAGC CTGCCTCCCC CAGG**GGGTGT
P63RE
-2100 TCCTTGATTA GTTTCTTCCC CAGTGTCTG AACTCCCTGC ATAACAGCCA
-2050 TTTGGATGCT CTTTTTATG CACAACCAGA CACCATGGGC CTTTTACATC
-2000 AGCGGGGAGG CTTGCTGGG CCTTCCAGTC TGATGATC**CT TGAGGAACAA**
-1950 **CACAGAGAGA CCAGG**CTGGG GGCATTTGTG GTGTCGTTAT GGTGGTTGAG
P63RE
-1900 AAAGCCCTAG TGTCATCTCA TGCCTGTTT CAGCTTAGAA GAGGGCAGGA
-1850 AACACTCCGC TCTGGTCAGT TGGTCCAACC ATGCTTGGCC TGTGACCCTG
-1800 GACAGGTCCC TTCACCTCTC TGAGCCTCTG TGTCTGTGTC AGTGCAATGG
-1750 GGAAGCTGGT GAGGCCTCCA CTGCCTGCC CA**CATGGCTG TTGTGGGGAC**
P53RE
-1700 **CACAGG**CATG CACACGTGTG ACTGTCCTTT GCAAACAAAC CCTGCGGTTG
-1650 TGAGGTGCTG TATGGTGTGG AAGGAATGTG GCATCTGGAG GCAGAATGCC
-1600 CAGGTTCCAG CCCTCCAACA GCTCCCCTG TGGCCTCTGC CCCTCAGAAC
-1550 CTCAGTTTCC CCATCTGACA AGTGAGGGCA GACCAGCCTT CAGAAAGACT
-1500 CAAATGACCT CAACACT**CAG GGCACCAAGG AAATCATCAA AACCATG**CAG
P53RE
-1450 GTTTCCCCTA CCTTCCTACC CTCCAGGGAC GGACA**GGCAG ACACGAGCC**C
Oct-1/C/EBPβ
-1400 ATGTCTGGTG TATCTTCAAA CGGGACAGAG TAAAAATATT CAGAAATTGC
-1350 AAACATCATAT GTCTGCAGGG C**CAGGTAGGG AGAGCACATG** **TCCTTTGGCC**
P53RE C/EBPβ E2F
-1300 AAACCACAGC TGCTTCTGTG TGCTGCCTGC AGAAGCGCCA GC**CCAAT**CTG
NF-Y
-1250 ACCTCAGTGC TCACTTTGCA AGAGGAGCCA GAAATCCAGA TTTCCCTGTA
-1200 CCAGCTCTCA ATGTTTAAGT ATTGGCAAGA AATTCCCACA TTTTAAGGTC
-1150 CCTATGGGTC AAGCCACATA TGGGTGGGAC CTAGAGTGCA AACTCTGACC
-1100 TAGGCCTATT TTTTAGCTTT GTATTTTAAG ATAATTTCAA ACTTTTCAGAA
-1050 AAGTTGCAAG GATGGCACAA AGAATACGGG CATGCCCTTC ACTCTGATTC
-1000 GGCTGTTGCT AACCTTTTGC CGTCTTTGCT CTCTGACAAA TCTCACTCTC
-950 CTCCTCATCA TGCAGATGTG ATGGCCTTCT CCCGCTAGAC ACTGCAGGTG

-900 TGTCTCCCAA GAG **CAAGGGT ATTCTCATG**C ATAACCACAA CACAGCCATC
P53RE

-850 AATTCAGGAA ACTTGACATT GATTCGGTAC TGTTACCTGC TGTGCCATCC
-800 **ATATTCACAT TC**TG **CCAAT**T GTG **CCTGCAG CGTTCTCCA GG**CCAGGATCC
Oct-1 NF-Y P63RE

-750 ATGTGGGGTC CTGCATGCCA CTTGGATGTC CTGCCTCTTT GGTCTCCTGC
-700 ATGGAGCAGC GCCTCATCTT TTCATTGTCT TCATGGAAAG CCAGTGTTTT
-650 TTAAACCCTC CTAGGTCATG AACTTCCGTG AGAGTTCCAC TAAAGCAGTG
-600 ACCCCTCTTA TAAGGAACAG ATGCCCAGAC TCCTC **ATCTT GCAACATT**TC
C/EBPβ

-550 AGGGGATTCA ATGATCCCTA GAGGACCCTG GTCCTATCCC AATTTGCAGC
-500 TGGGGAAACT GAGACCCAGA GCAGAAGTGT AAGGCCCCAC AGAGGGCAGG
-450 GGCAGGGCGG AAGCCAGACC CCAGCTCTGG GCTCTTCCTG TAGCCCCCAT
-400 G **CAGGAGCCT GCCTCCTTG**T AGTAACTTCC ACTGGGAAAT GCAGGACTAG
P63RE

-350 ACTAGATGCC ATCAATGTGG CAGTGGAAAG GGCTGGAGCC AGGGGGCCAG
-300 GATGGCGGGG CTGTCTTCAA AAAACAGCAA GGCCTGGCTC CAGCAGGCCC
-250 GATGGCTCAA CCCCCGCGAG ACCCCGACAC ACCCTCCTCC CTTCCCCCTG
-200 CCAGCCAGAG CACTAACAGC ATGAGGTCAT GCAGGACATC GGTAACCCT
-150 CTTGGGACTC TGCCACATC CCAGGACCTG CTGCCACCC CAC **CATGCAG**
-100 **AAGGCCAGG**C ATGGGAGAGC CGGACCTGCC ACCACTGCCA CCGTCTCCAG
P53RE

Specific region primers:

Sense primer, (-850) 5'-AATTCAGGAACTTGACA-3' (-832) and antisense primer, (-620) 5'-AGAGTTCCACTAAAGCAGTG-3' (601) yielding the 250 bp PCR fragment.

Non-specific region primers:

Sense primer, (-1250) 5'-ACCTCAGTGCTCACTTTGCA-3' (1231) and antisense primer, (-1140) 5'-AAGCCACATATGGGTGGGAC-3' (-1121) yielding the 130 bp PCR fragment.