



Posi.: pGL3 Control Vector
(SV40 promoter)

Nega.: Empty Vector

CDKN1A: pGL4-phCDKN1A (RDB#7302)

CCND1: pGL4-phCCND1(RDB#7299)

APOC3:pGL4-phAPOC3 (RDB#7303)

[GENETYX : Nucleotide Sequence Homology Data]

Date : 2009.07.02

1st Nucleotide Sequence

File Name : Reference Seq. GNU
Sequence Size : 5456

2nd Nucleotide Sequence

File Name : RDB7299F.fasta
Sequence Size : 528

Unit Size to Compare = 1
Pick up Location = 1

[97.881% / 519 bp] INT/OPT. Score : < 447/ 1900 >

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1'          GG CCTAACTGGC CGGTACCTGA GCTCGCTAGC CTCGAGGATA
          ** *****
1'' GTGCCAGAAC ATGTCTCTGG CCTAACTGGC CGGTACCTGA GCTCGCTAGC CTCGAGGATA

43' CGAACACCTA T-CGATTTTG CTA AAAA-TC AGATCAGTAC ACTCGTTTNG TTTAATTGAT
          ***** * ***** ***** ** ***** ***** * *****
61'' CGAACACCTA TCGATTTTG CTA AAAAATTC AGATCAGTAC ACTCGTTT-G TTTAATTGAT

101' AATTGTTCTG AATTATGCCG GTCCTGCCA GCCCCTCAN CGCTCACGAA TTCAGTCCCA
          ***** ***** ***** ***** ***** *****
120'' AATTGTTCTG AATTATGCCG GTCCTGCCA GCCCCTCA- CGCTCACGAA TTCAGTCCCA

161' GGGCAAATTC TAAAGGTGAA GGGACGTCTA NCACCCCAA CAAAACCAAT TAGGAACCTT
          ***** ***** ***** ***** ***** *****
179'' GGGCAAATTC TAAAGGTGAA GGGACGTCTA -CACCCCAA CAAAACCAAT TAGGAACCTT

221' CGGTGGTCTT GTCCAGGCA GNAGGGGACT AATATTTCCA GCAATTTAAT TTCTTTTTTA
          ***** ***** * ***** ***** ***** *****
238'' CGGTGGTCTT GTCCAGGCA G-AGGGGACT AATATTTCCA GCAATTTAAT TTCTTTTTTA
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281' ATTAATAAAAA ATNGAGTCAG AATGGAGATC ACTGTTTCTC AGCTTTCCAT TCAGAGGTGT
***** ** ***** ***** ***** ***** *****
297" ATTAATAAAAA AT-GAGTCAG AATGGAGATC ACTGTTTCTC AGCTTTCCAT TCAGAGGTGT

341' GTTNTCTCCC GGTAAATTG CCGGCACGGG AAGGGAGGGG GTGCAGTTGG GGACNCCCCG
*** ***** ***** ***** ***** ***** ***** *****
356" GTT-TCTCCC GGTAAATTG CCGGCACGGG AAGGGAGGGG GTGCAGTTGG GGAC-CCCCG

401' CAAGGACCGA CTGGTCAAGG TAGGAAGGCA GCCCGAAGAG TCTCCNAGGC TAGAAGGACA
***** ***** ***** ***** ***** ***** *****
414" CAAGGACCGA CTGGTCAAGG TAGGAAGGCA GCCCGAAGAG TCTCC-AGGC TAGAAGGACA

461' AGATGAAGGA AATGCTGGCC ACCATCTTGG GCTGCTNGCT GGAATTTTCG GGCATTTATT
***** ***** ***** ***** ** ***** *****
473" AGATGAAGGA AATGCTGGCC ACCATCTTGG GCTGCT-GCT GGAATTTTCG GGCATTT

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1st Nucleotide Sequence

File Name : Reference Seq. GNU
Sequence Size : 5456

2nd Nucleotide Sequence

File Name : RDB7299R. fasta (Complementary)
Sequence Size : 208

Unit Size to Compare = 1

Pick up Location = 1

[99.043% / 209 bp] INT/OPT. Score : < 500/ 804 >

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1081' CTTTTGGGCT CTGCCCTCG CTGCTCCNG GCGTTTGGG CCCGCGCCC CTCCCCTGC
*** *****
1" CCC CTCCCCTGC

1141' GCCCGCCCC GCCCCCTCN CCGTCCCAT TCTTGCCG GCTTGATCT TTGCTTAACA
***** ***** ***** ***** ***** *****
14" GCCCGCCCC GCCCCCTC- CCGTCCCAT TCTTGCCG GCTTGATCT TTGCTTAACA

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1201' ACAGTAACGT NCACACGGAC TACAGGGGAG TTTTGTGAA GTTGCAAAGT CCTGGATCAA

73" ACAGTAACGT -CACACGGAC TACAGGGGAG TTTTGTGAA GTTGCAAAGT CCTGGATCAA

1261' GATCTGGCCT CGGCGGCCAA GCTTGGCAAT CCGGTACTGT TGGTAAAGCC ACCATGGAAG

132" GATCTGGCCT CGGCGGCCAA GCTTGGCAAT CCGGTACTGT TGGTAAAGCC ACCATGGAAG

1321' ATGCCAAAAA CATTAAGAAG GGCCAGCGC CATTCTACCC ACTCGAAGAC GGGACCGCCG

192" ATGCCAAAAA CATTA