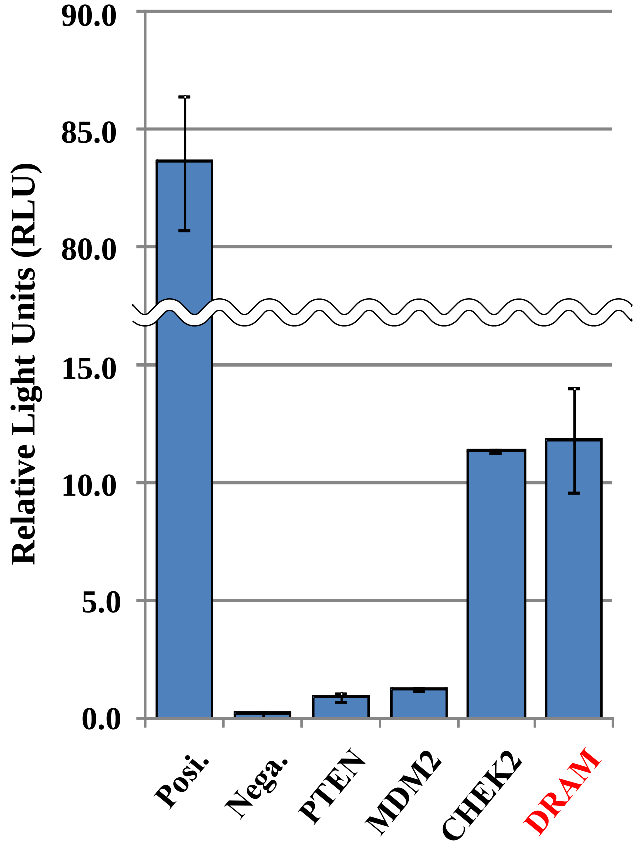
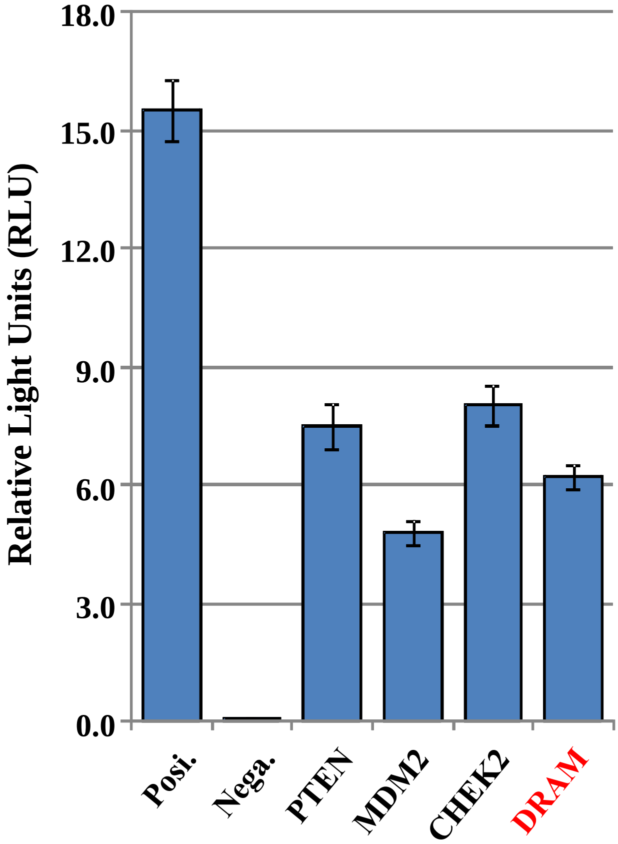
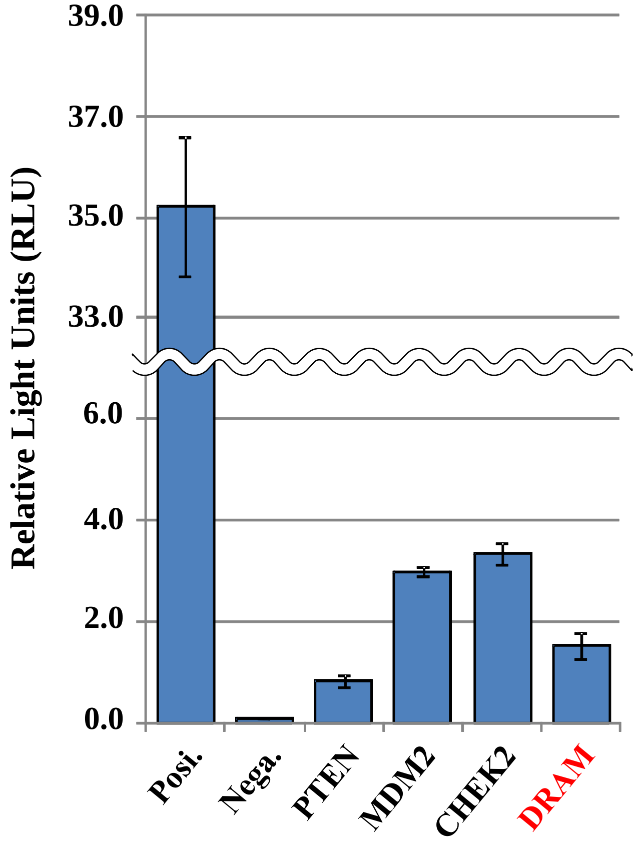
The Promoter Activities of Reporter Constructs


HeLa cells


HepG2 cells


Hep3B cells

Posi.: pGL3 Control Vector
(SV40 promoter)
Nega.: Empty Vector

PTEN: pGL4-phPTEN (RDB# 7400)
MDM2: pGL4-phMDM2 (RDB# 7403)
CHEK2: pGL4-phCHEK2 (RDB# 7407)
DRAM: pGL4-phDRAM (RDB#7412)

2010, DNA Bank, RIKEN BioResource Center

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[ GENETYX : Nucleotide Sequence Homology Data ]

Date : 2009.06.24

1st Nucleotide Sequence
  File Name        : Reference Seq.gnu
  Sequence Size    : 5588

2nd Nucleotide Sequence
  File Name        : RDB7412F.fasta
  Sequence Size    : 400

  Unit Size to Compare = 1
  Pick up Location     = 1



[100.000% / 400 bp]     INT/OPT.Score : <   1600/  1600 >

     1' GGCCTAACTG GCCGGTACCT GAGCTCGCTA GCCTCGAGGA TTGAGCCATG ATGCCTGACT
                                                     ********* **********
    74″                                              TGAGCCATG ATGCCTGACT

    61' AATTTTTTGT ATTTTTAGTA GAGATGGGGT TTCACCATGT TGGCCAGGCT GGTCTCGAAC
        ********** ********** ********** ********** ********** **********
    93″ AATTTTTTGT ATTTTTAGTA GAGATGGGGT TTCACCATGT TGGCCAGGCT GGTCTCGAAC

   121' TCCTGACCTC AGGTGATCCA CCCACCTTGG CCTCCCAAAG TGCTAGGATT ACAGGCATGA
        ********** ********** ********** ********** ********** **********
   153″ TCCTGACCTC AGGTGATCCA CCCACCTTGG CCTCCCAAAG TGCTAGGATT ACAGGCATGA

   181' GCCACCACGC CTGGCCTAAT TTTGTTATTT TGATCTATGA GTGTCCTCGT CCTGAGGGTA
        ********** ********** ********** ********** ********** **********
   213″ GCCACCACGC CTGGCCTAAT TTTGTTATTT TGATCTATGA GTGTCCTCGT CCTGAGGGTA

   241' CTATTACTAT TTCATCTTTG TAGCCTAGCA TGGCGCCCAT GAAATGTGTT TGTGGCTGAA
        ********** ********** ********** ********** ********** **********
   273″ CTATTACTAT TTCATCTTTG TAGCCTAGCA TGGCGCCCAT GAAATGTGTT TGTGGCTGAA
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  301' AGGAACCTAT CTTTGGTCAC CAATGACCCA ACAATTTTGG CCACATATGT TGGGCTCAGA
       ********** ********** ********** ********** ********** **********
  333″ AGGAACCTAT CTTTGGTCAC CAATGACCCA ACAATTTTGG CCACATATGT TGGGCTCAGA

  361' CTCCCTAAAC TATCAAAATC ATGTGCTTAT ATTATAAGTG CCTCCAGAAC ACAAATCCCT
       ********** ********** ********** ********** ********** **********
  393″ CTCCCTAAAC TATCAAAATC ATGTGCTTAT ATTATAAGTG CCTCCAGAAC ACAAATCCCT

  421' TTCACAGGGC TTGAAATGTA TCAAGTCACT ATTAATCATC TTAGGCCAAG GCTCCGAGTC
       ********** ********** *
  453″ TTCACAGGGC TTGAAATGTA T
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1st Nucleotide Sequence
  File Name         : Reference Seq.gnu
  Sequence Size     : 5588

2nd Nucleotide Sequence
  File Name         : RDB7412R.fasta (Complementary)
  Sequence Size     : 400

  Unit Size to Compare = 1
  Pick up Location     = 1



[99.750% / 400 bp]     INT/OPT.Score : <   1594/  1594 >

  961' CCCGCGTACT CTCCACCCCA CCCGTTCCCA CCCTGTCTGG GTTTTCGGGT GTTCACCATT
                                    *** **** ***** ********** **********
   85″                              CCA CCCTATCTGG GTTTTCGGGT GTTCACCATT

 1021' GAGGTGGGAG CCACATCTGC GCCCCGTGAC CTGGCGAACC TCATTGAACA CTTCTGCCCG
       ********** ********** ********** ********** ********** **********
  118″ GAGGTGGGAG CCACATCTGC GCCCCGTGAC CTGGCGAACC TCATTGAACA CTTCTGCCCG
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1081’ ACCCCCGCAG CAGCAGCGCG ACCGGATGGC ATGGGTGTCA CCACGCGGTG GCCACTCTCA
      ********** ********** ********** ********** ********** **********
 178″ ACCCCCGCAG CAGCAGCGCG ACCGGATGGC ATGGGTGTCA CCACGCGGTG GCCACTCTCA

1141’ CTGCTGCGAA GCGCCGGCGG CGGGACCTCG GAGGGGGCGC CCTCGGGGTG CGAGGCCCGG
      ********** ********** ********** ********** ********** **********
 238″ CTGCTGCGAA GCGCCGGCGG CGGGACCTCG GAGGGGGCGC CCTCGGGGTG CGAGGCCCGG

1201’ CACTCCGGAA ATCCCCCGGG AGGGAGGGGT TGGGAGAAAT AAATCCTTTT CTCCAGAGTT
      ********** ********** ********** ********** ********** **********
 298″ CACTCCGGAA ATCCCCCGGG AGGGAGGGGT TGGGAGAAAT AAATCCTTTT CTCCAGAGTT

1261’ GCGCAAGAGC CAGCGCGGTA GGGCCAGAGT GGGAAGGCCA GAGCGGGCGT CCCCGCCAGT
      ********** ********** ********** ********** ********** **********
 358″ GCGCAAGAGC CAGCGCGGTA GGGCCAGAGT GGGAAGGCCA GAGCGGGCGT CCCCGCCAGT

1321’ GACCCCACGC CGCCCGTCCG CGCCCAACCC GGCCTCCGCC GAGTGTCCAA ACCAAAAGCG
      ********** ********** ********** ********** ********** **********
 418″ GACCCCACGC CGCCCGTCCG CGCCCAACCC GGCCTCCGCC GAGTGTCCAA ACCAAAAGCG

1381’ AAAGGAAATC AAGATCTGGC CTCGGCGGCC AAGCTTGGCA ATCCGGTACT GTTGGTAAAG
      *******
 478″ AAAGGAA
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