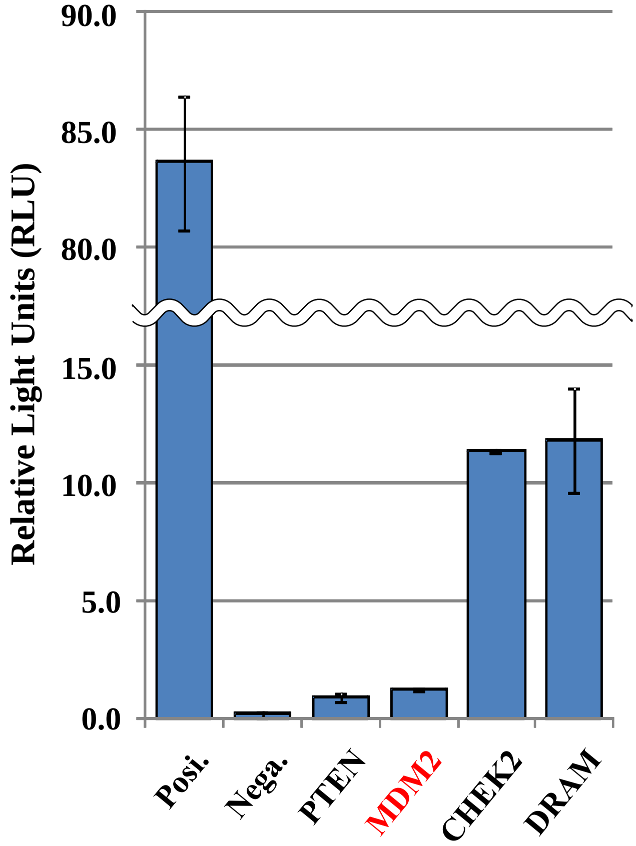
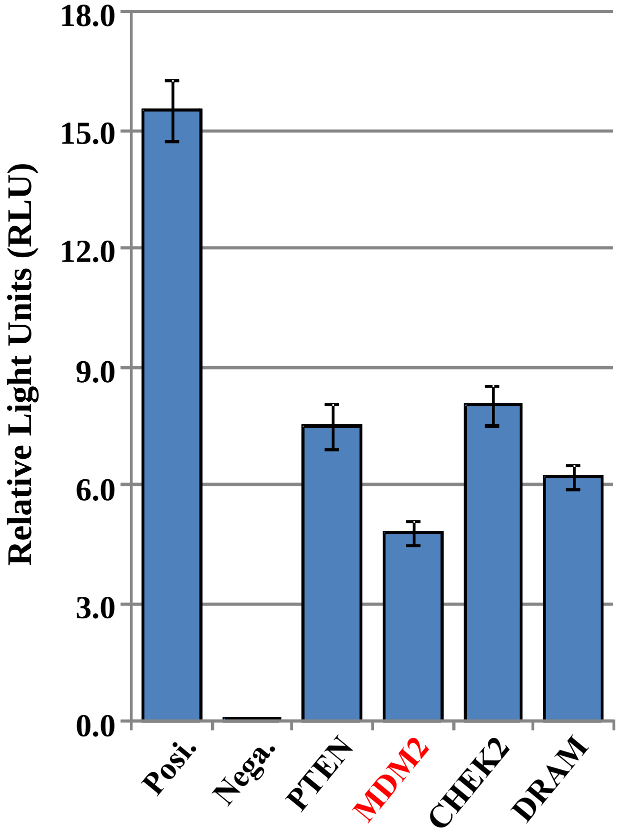
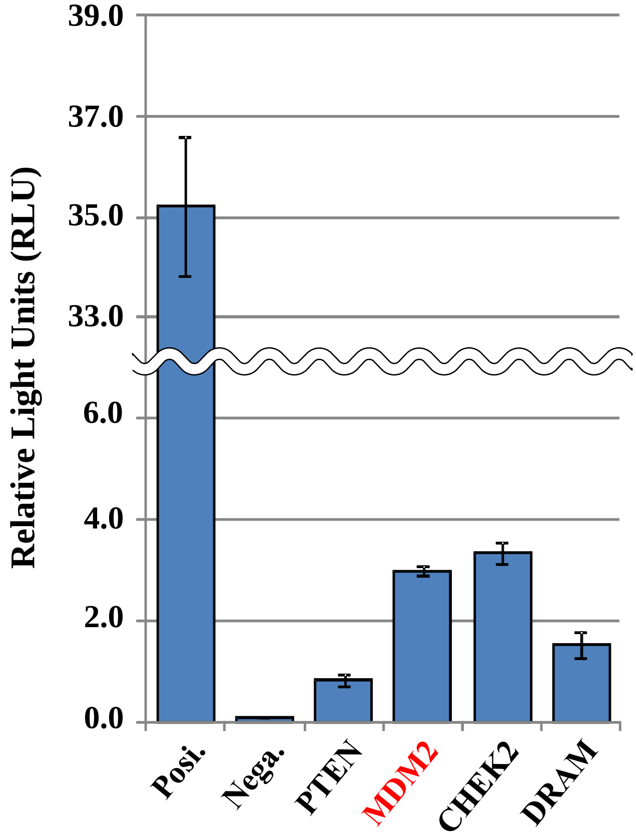
The Promoter Activities of Reporter Constructs


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 : 2009.06.26

1st Nucleotide Sequence
  File Name        : Reference Seq.GNU
  Sequence Size    : 3018

2nd Nucleotide Sequence
  File Name        : RDB7403F.fasta
  Sequence Size    : 400

  Unit Size to Compare = 1
  Pick up Location     = 1



[99.499% / 399 bp]     INT/OPT.Score : <   1584/  1584 >

  42’ GAAGCGGGAG AAGGGAAGGA TATAACTTTA TAAAAAAAAA AAAGCTGCAG AAGGGAAGGA
                                                   **** * ** **********
  61″                                             GAAGCGGGAG AAGGGAAGGA

 102’ TATAACTTTA TAAAAAAAGG TCCTTGTTCA CAAGGAGCTA ATCACTTACT GGCCAGAGAA
      ********** ********** ********** ********** ********** **********
  81″ TATAACTTTA TAAAAAAAGG TCCTTGTTCA CAAGGAGCTA ATCACTTACT GGCCAGAGAA

 162’ GAAACGTGTT CCTTCTTTGC AATGGCTGTG TTTTTGGGTT TAGCTAACTC AATTCTTTAT
      ********** ********** ********** ********** ********** **********
 141″ GAAACGTGTT CCTTCTTTGC AATGGCTGTG TTTTTGGGTT TAGCTAACTC AATTCTTTAT

 222’ GTCCTCAATT TATGAGACCG CATCAAAAAC GTTTTTGCCA CATCTCTGTG GGAAAGTAGG
      ********** ********** ********** ********** ********** **********
 201″ GTCCTCAATT TATGAGACCG CATCAAAAAC GTTTTTGCCA CATCTCTGTG GGAAAGTAGG

 282’ TGAGTCAGAA TGAGTGCATA ATATATAAGT ATATATTTTA ATGATAATGA ATGTGTAGAT
      ********** ********** ********** ********** ********** **********
 261″ TGAGTCAGAA TGAGTGCATA ATATATAAGT ATATATTTTA ATGATAATGA ATGTGTAGAT
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    342' TAACAAACCC AAACTTTGTT TTTGTTTTTT TGAGAGTCTT GCCCTGTCGC CCAGGCTGGA
         ********** ********** ********** ********** ********** **********
    321″ TAACAAACCC AAACTTTGTT TTTGTTTTTT TGAGAGTCTT GCCCTGTCGC CCAGGCTGGA

    402' GTGCAATGGC ATGATCTTGG CTCACTGCAG CCTCTGCCTC CCGGGTTCAC AGGATTGTCC
         ********** ********** ********** ********** ********** **********
    381″ GTGCAATGGC ATGATCTTGG CTCACTGCAG CCTCTGCCTC CCGGGTTCAC AGGATTGTCC

    462' TGCCTCAGCC TCCGGAGTAG AGTAGCTGGG ATTACAGGTG ACCGCCACCA CGCCCGACTA
         ********** **********
    441″ TGCCTCAGCC TCCGGAGTAG




1st Nucleotide Sequence
  File Name         : Reference Seq.gnu
  Sequence Size     : 5561

2nd Nucleotide Sequence
  File Name         : RDB7403R.fasta (Complementary)
  Sequence Size     : 311

  Unit Size to Compare = 1
  Pick up Location     = 1



[99.357% / 311 bp]     INT/OPT.Score : <   1232/  1232 >

   1021' GGCCGAGCCC CACCCTCTCA GCTCGCGGCC AACACCCCCA CCCCGCCTCA CAGCCCGCCG
                                        *  ********* **********  *********
     85″                                C CACACCCCCA CCCCGCCTCA GAGCCCGCCG

   1081' CGCCCGCGGG GCGACACCCC CCACTCCATC ATCCCGGAGG TGGTGCGGCC GAGCCCCGGA
         ********** ********** ********** ********** ********** **********
    116″ CGCCCGCGGG GCGACACCCC CCACTCCATC ATCCCGGAGG TGGTGCGGCC GAGCCCCGGA
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1141’ CCCAATTGGC GGAAGCGGGG CCGGTTGTGT GCGCGCGCAC AAATGCCCGG ATGCGCCGCG
      ********** ********** ********** ********** ********** **********
 176″ CCCAATTGGC GGAAGCGGGG CCGGTTGTGT GCGCGCGCAC AAATGCCCGG ATGCGCCGCG

1201’ ACGACCCGCG CGCTCCCCTC GGGCGGTAGG GGGCGCGCAC CGAGGCACCG CGGCGAGCTT
      ********** ********** ********** ********** ********** **********
 236″ ACGACCCGCG CGCTCCCCTC GGGCGGTAGG GGGCGCGCAC CGAGGCACCG CGGCGAGCTT

1261’ GGCTGCTTCT GGGGCCTGTG TGGCCCTGTG TGTCGGAAAG ATGGAGCAAG AAGCCGAGCC
      ********** ********** ********** ********** ********** **********
 296″ GGCTGCTTCT GGGGCCTGTG TGGCCCTGTG TGTCGGAAAG ATGGAGCAAG AAGCCGAGCC

1321’ CGAGGGGCGG CCGCGACCCC TCTGACCGAG ATCCTGCTGC ATCAAGATCT GGCCTCGGCG
      ********** ********** ********** **********
 356″ CGAGGGGCGG CCGCGACCCC TCTGACCGAG ATCCTGCTGC
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