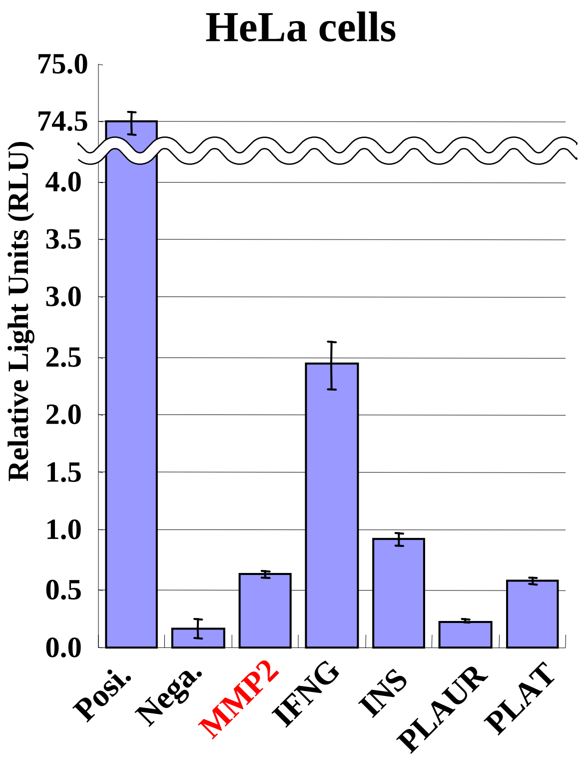
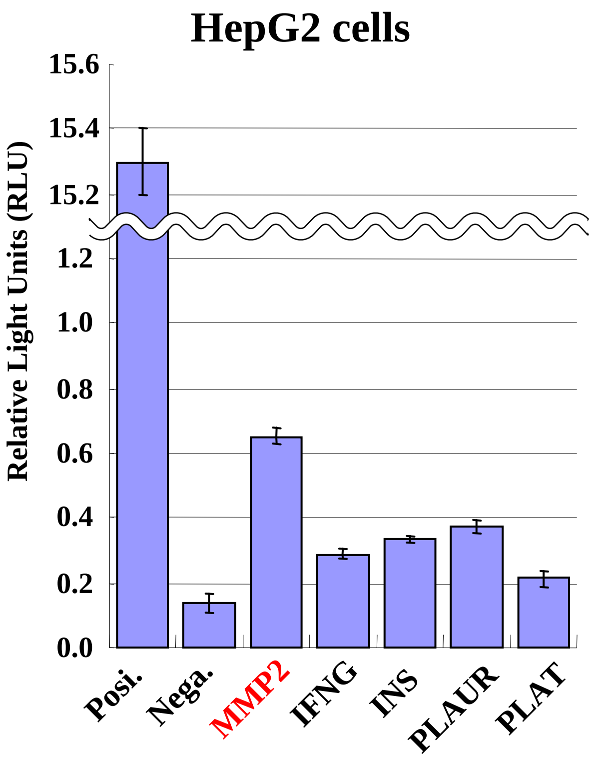
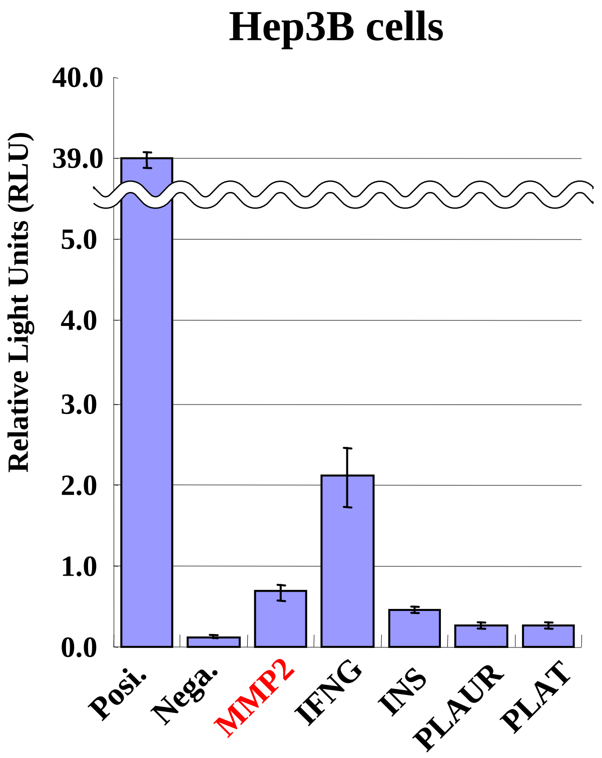
The Promoter Activities of Reporter Constructs







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

MMP2: pGL4-phMMP2 (RDB#7314)
IFNG: pGL4-phIFNG(RDB#7297)
INS:pGL4-phINS (RDB#7387)
PLAUR:pGL4-phPLAUR (RDB#7312)
PLAT:pGL4-phPLAT (RDB#7295)

2009, DNA Bank, RIKEN BioResource Center

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[ GENETYX : Nucleotide Sequence Homology Data ]

Date : 2010.01.25

1st Nucleotide Sequence
  File Name         : Reference Seq.gnu
  Sequence Size     : 5425

2nd Nucleotide Sequence
  File Name         : RDB7314F.fasta
  Sequence Size     : 735

  Unit Size to Compare = 1
  Pick up Location     = 1



[93.333% / 690 bp]     INT/OPT.Score : <    354/  2310 >

    1’                                             GGCCTAACT GGCCGGTACC
                                                                    *
    1″ AAATGGGAAA GCCCTGACAT AATCAACACT CGATCTTTGC GAGAAACGCN TAAAACCCCA

   20’ TGAGCTCGCT AGCCTCGAGG ATTTCCTCAG AGACGGTTGT CACAGGGAGA ACTNTCAAAA
       ***  ** *    ** *  *  **.*** *** ***** *    ********** ***.******
   61″ TGACGTCACA GTCCACAGGT ATNTCCACAG AGACGTTGTA CACAGGGAGA ACTTTCAAAA

   80’ TTGGGATTCG ACCTGAGAGG CCACATGGAT TCTTGGCTTG GCGCNAGGAA AGGATTCAAG
       ********** ********** ********** ********** **** ***** **********
  121″ TTGGGATTCG ACCTGAGAGG CCACATGGAT TCTTGGCTTG GCGC-AGGAA AGGATTCAAG

  140’ AGTGAGTGGG GAATTCGTGG AACTGAGGGC TCCTCNCCCT TTTTAGACCA TATAGGGTAA
       ********** ********** ********** ***** **** ********** **********
  180″ AGTGAGTGGG GAATTCGTGG AACTGAGGGC TCCTC-CCCT TTTTAGACCA TATAGGGTAA

  200’ ACCTCCCCAC ATTGCCATGG CATTTANTAA ACTGCCATGG CACTGGTGGG TGCTTCCTTT
       ********** ********** ****** **  ********** ********** **********
  239″ ACCTCCCCAC ATTGCCATGG CATTTA-TAC ACTGCCATGG CACTGGTGGG TGCTTCCTTT
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260’ AACATGCTAA TGCATTANTA ATTAGCGTAA AATGAGCAGT GAGGATGACC AGAGGTCGCT
     ********** ******* ** ********** ********** ********** **********
298″ AACATGCTAA TGCATTA-TA ATTAGCGTAA AATGAGCAGT GAGGATGACC AGAGGTCGCT

320’ TTCTTTGCNC ATCTTGGTTT TGGCTGGCTT CTTCACTGCA TACTGTTTTA TCAGTGGGGN
     ******** * ********** ********** ********** ********** *********
357″ TTCTTTGC-C ATCTTGGTTT TGGCTGGCTT CTTCACTGCA TACTGTTTTA TCAGTGGGG-

380’ TCTTTGTGAC CTCTATCTTA TTAAACCAGT CTTG-CCCAA TTTCTATCTC ANTCCTGTGA
     ********** ********** ********** **** ***** ********** * ********
415″ TCTTTGTGAC CTCTATCTTA TTAAACCAGT CTTGCCCCAA TTTCTATCTC A-TCCTGTGA

439’ CCGAGAATGC GGACCCTCCT GGGAGTGCAG CCCAGCAGGT CTNCAGCCTC ATTTTACCCA
     ********** ********** ********** ********** ** ******* **********
474″ CCGAGAATGC GGACCCTCCT GGGAGTGCAG CCCAGCAGGT CT-CAGCCTC ATTTTACCCA

499’ GCCCCCTGTT CAAGATGGAG TCGCTCTGGT TCCNAACGTC TCTAACGCGG GGCCCCTGAC
     ********** ********** ********** *** ****** ********** ** *******
533″ GCCCCCTGTT CAAGATGGAG TCGCTCTGGT TCC-AACGTC TCTAACGCGG GGGCCCTGAC

559’ TGCTCTATTT CCCAAGGTGT ATCTNAGCAT CTCGCACTAT ACGAGGCCAA GTTAAGGCTT
     ******* ** *** ****** **** ***** ********** ****** *** *********
592″ TGCTCTA-TT CCCCAGGTGT ATCT-AGCAT CTCGCACTAT ACGAGG-CAA GTTAAGGCTA

619’ ACACATTTGC AGAAGNGAAA GAGGTAAGGA AGCAACCTGG GACCTTCCAC TGTCTCTGTT
     ********** ***** **** ***** **** ********** **** ***** **********
649″ ACACATTTGC AGAAG-GAAA GAGGT-AGGA AGCAACCTGG GACC-TCCAC TGTCTCTGTT

679’ TCCATCNTCT CTCTTTCCAT CTCTGTTCAT CCCAGAATCT CTCTGTCCCT ATCCCTANAA
     * **** *** ***** **   ** *  **
706″ T-CATC-TCT CTCTTCCCTC CTGTTCTCCA GA
```

1st Nucleotide Sequence

File Name : Reference Seq.gnu

Sequence Size : 5425

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2nd Nucleotide Sequence
  File Name        : RDB7314R.fasta (Complementary)
  Sequence Size    : 185

  Unit Size to Compare = 1
  Pick up Location     = 1



[91.979% / 187 bp]     INT/OPT.Score : <    330/   661 >

   1081' GTAGGGGGGT GGNGGCAGAG AGGGGCGGGC CCGAGTGCGC CCCCCGCCCC CAGCCCCGCT
                                                 .. ........** **********
      1″                                         NN NNNNNNNNCC CAGCCCCGCT

   1141' CTGNCCAGCT CCCTCCCAGC CCAGCCGGCT ACATCTGGCG GCTGCCCTCC CTTGNTTTCC
         *** ****** ********** ********** ********** ********** **** *****
     23″ CTG-CCAGCT CCCTCCCAGC CCAGCCGGCT ACATCTGGCG GCTGCCCTCC CTTG-TTTCC

   1201' GCTGCATCCA GACTTCCTCA GGCGATCAAG ATCTGGCCTC GGCGGCCAAG CTTGGCAATC
         ********** ********** ********** ********** ********** **********
     81″ GCTGCATCCA GACTTCCTCA GGCGATCAAG ATCTGGCCTC GGCGGCCAAG CTTGGCAATC

   1261' CGGTACTGTT GGTAAAGCCA CCATGGAAGA TGCCAAAAAC ATTAAGAAGG GCCCAGCGCC
         ********** ***. * *** ********** ********** *****
    141″ CGGTACTGTT GGTNGA-CCA CCATGGAAGA TGCCAAAAAC ATTAAA
```