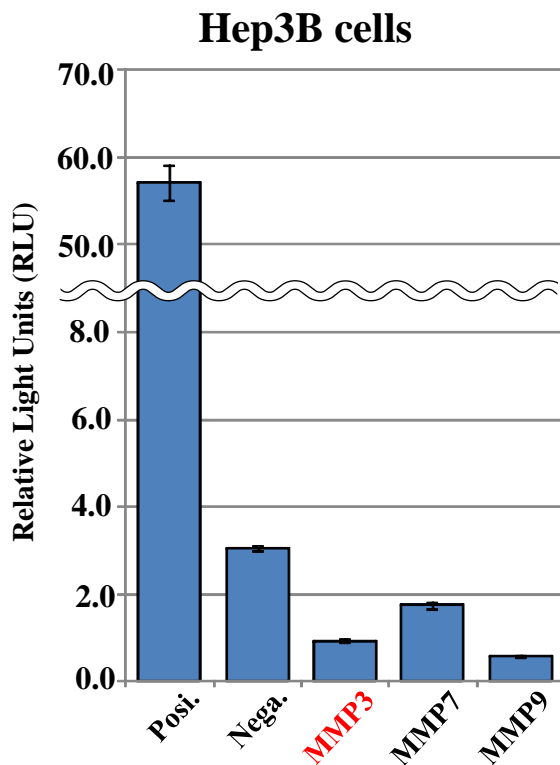
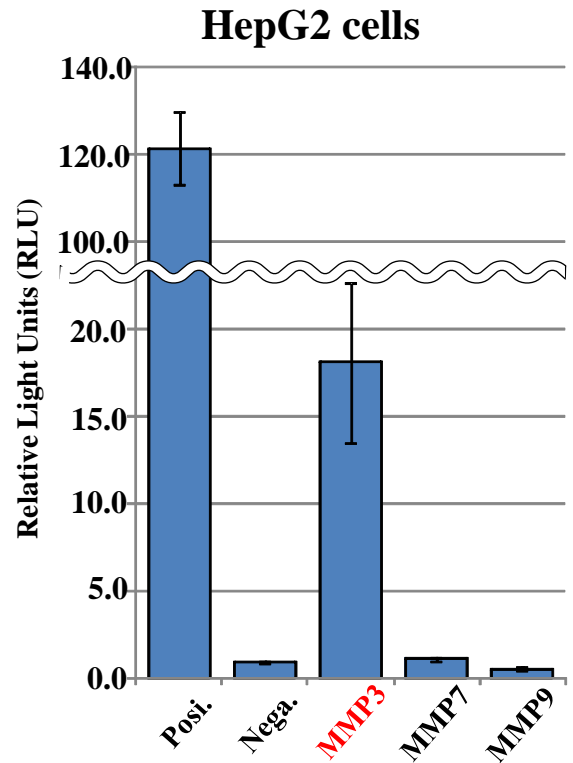
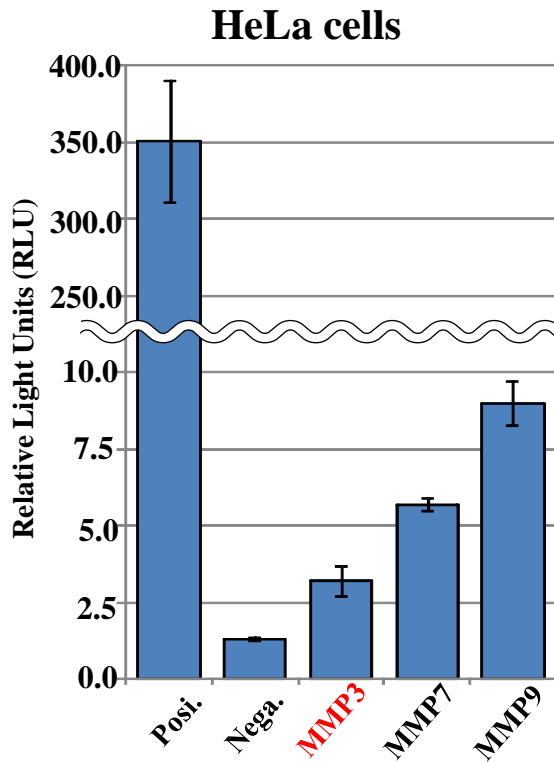


The Promoter Activities of Reporter Constructs



Posi.: pGL3 Control Vector
(SV40 promoter)

Nega.: Empty Vector

MMP3: pGL4-phMMP3 (RDB# 7535)

MMP7: pGL4-phMMP7 (RDB# 7536)

MMP9: pGL4-phMMP9 (RDB# 7537)

[GENETYX : Nucleotide Sequence Homology Data]

Date : 2009.11.06

1st Nucleotide Sequence

File Name : Reference Seq.gnu
Sequence Size : 5633

2nd Nucleotide Sequence

File Name : RDB7535F.fasta
Sequence Size : 801

Unit Size to Compare = 1
Pick up Location = 1

[93.883% / 801 bp] INT/OPT. Score : < 538/ 2572 >

```
1'          GGCCTAACT GGCCGGTACC TGAGCTCGCT AGCCTCGAGG ATCAACTGTG
          *****
1" AACATTTCTC TGGCCTAACT GGCCGGTACC TGAGCTCGCT AGCCTCGAGG ATCAACTGTG

50' TGGGCATCTT CAGTCATAGG GATCTTATTG CCACAGNAGA AATCCCTTTA AACTTATTGG
          *****
61" TGGGCATCTT CAGTCATAGG GATCTTATTG CCACAG-AGA AATCCCTTTA AACTTATTGG

110' GTAAAATCTC TCCAATGTTT ATTAAGANAA CACACAAAAA ATAAAGCAAA GAAGAAAATG
          *****
120" GTAAAATCTC TCCAATGTTT ATTAAGA-AA CACACAAAAA ATAAAGCAAA GAAGAAAATG

170' CAAAAGAGTT ATAAATGANG AGGAAGCAAA ATGGGCACTT ATTAAGGTC TAATAAATGC
          *****
179" CAAAAGAGTT ATAAATGA-G AGGAAGCAAA ATGGGCACTT ATTAAGGTC TAATAAATGC

230' ACATTTGTAN TCCATCATTC TACTGAG-TT CTTACTCCCA AGATGTTCTT CCCTTTAGCA
          *****
238" ACATTTGTA- TCCATCATTC TACTGAGATT CTTACTCCCA AGATGTTCTT CCCTTTAGCA
```



Date : 2009.11.11

1st Nucleotide Sequence

File Name : Reference Seq.gnu
Sequence Size : 5633

2nd Nucleotide Sequence

File Name : RDB7535R.fasta (Complementary)
Sequence Size : 528

Unit Size to Compare = 1

Pick up Location = 1

[97.566% / 534 bp] INT/OPT.Score : < 393/ 1981 >

961' TATAGTATAG ACTATAGCTA TGTATGTACA CTTTCCACTT ACANTCTTTT ATTTGCTTTT

**** ***** ***** .***** *****

1" GGGCTA TGTATGTACA CTTTCCACTT TACATCTTTT ATTTGCTTTT

1021' ATAATGTGTT TCTTAAAATA AACTGCTTT TAGANAGTTC TGCACAATTC TGATTTTTAC

***** ** ***** ***** ***** ***** *****

47" ATAATGTCTT TCTTAAAATA AACTGCTTT TAGA-AGTTC TGCACAATTC TGATTTTTAC

1081' CAAGTCAACC TACTTCTTCT CTCAANAAGG ACAAACATAA ATTGTCTAGT GAATTCCAGT

***** ***** ***** ***** ***** ***** *****

106" CAAGTCAACC TACTTCTTCT CTCAA-AAGG ACAAACATAA ATTGTCTAGT GAATTCCAGT

1141' CAATTTTCC AGAAGANAAA AAAATGCTCC AGTTTTCTCC TCTACCAAGA CAGGAAGCAC

***** ***** ** ***** ***** ***** *****

165" CAATTTTCC AGAAGA-AAA AAAATGCTCC AGTTTTCTCC TCTACCAAGA CAGGAAGCAC

1201' TTCCTGGNAG ATTAATCACT GTGTTGCCTT GCAAAATTGG GAAGGTTGAG AGAAATTANG

***** ** ***** ***** ***** ***** ***** *

224" TTCCTGG-AG ATTAATCACT GTGTTGCCTT GCAAAATTGG GAAGGTTGAG AGAAATTA-G

1261' TAAAGTAGGT TGTATCATCC TACTTTGAAT TTGGAATGTT TGGAAATGGN TCCTGCTGCC



```

*****
282" TAAAGTAGGT TGTATCATCC TACTTTGAAT TTGGAATGTT TGGAAATGG- TCCTGCTGCC

1321' ATTTGGATGA AAGCAAGGAT GAGTCAAGCT GCGGGTGATC NCAACAAAC ACTGTCACTC
*****
341" ATTTGGATGA AAGCAAGGAT GAGTCAAGCT GCGGGTGATC -CAAACAAAC ACTGTCACTC

1381' TTTAAAAGCT GCGCTCCCGA GGTGGACCT ANCAAGGAGG CAGGCAAGAC AGATCAAGAT
*****
400" TTTAAAAGCT GCGCTCCCGA GGTGGACCT A-CAAGGAGG CAGGCAAGAC AGATCAAGAT

1441' CTGGCCTCGG CGGCCAAGCT TGGCAATCCG GTACTGTTGG TAAAGCCACC ATGGAAGATG
*****
459" CTGGCCTCGG CGGCCAAGCT TGGCAATCCG GTACTGTTGG TAAAGCCACC ATGGAAGATG

1501' CCAAAAACAT TAAGAAGGGC CCAGCGCCAT TCTACCCACT CGAAGACGGG ACCGCCGGCG
*****
519" CCAAAAACAT

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