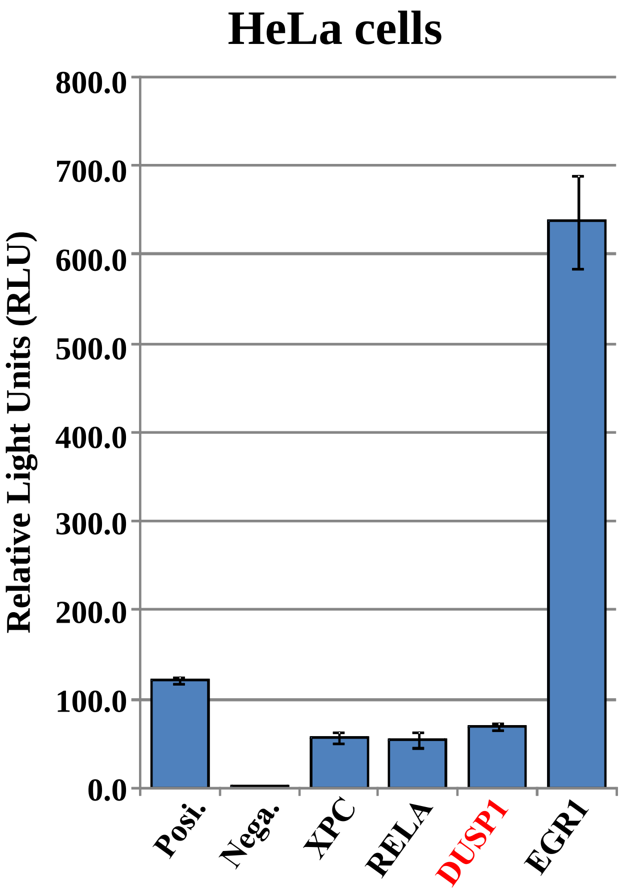
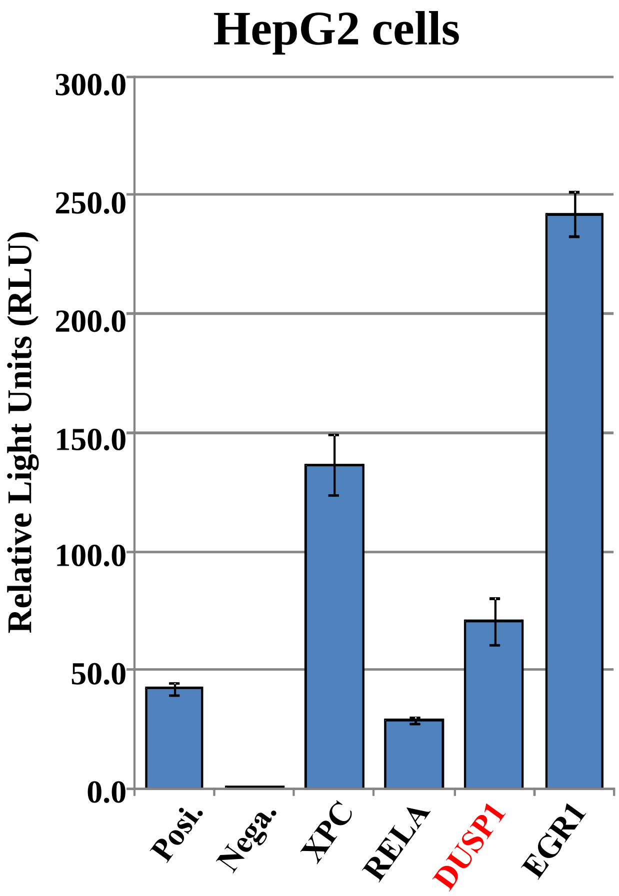
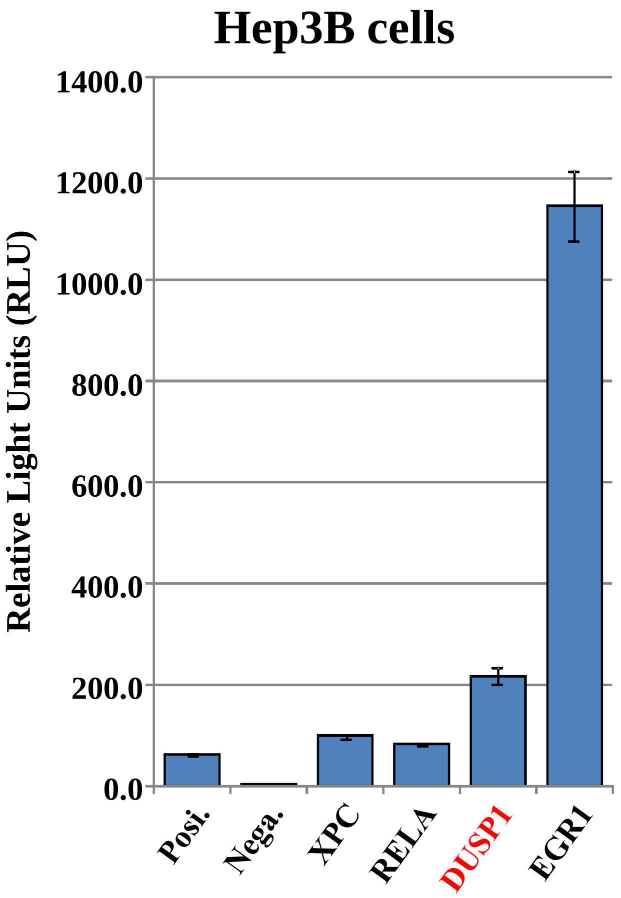
The Promoter Activities of Reporter Constructs







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

XPC: pGL4-phXPC (RDB# 7351)
RELA: pGL4-phRELA (RDB# 7366)
DUSP1: pGL4-phDUSP1 (RDB# 7368)
EGR1: pGL4-phEGR1 (RDB#7369)

2010, DNA Bank, RIKEN BioResource Center

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[ GENETYX : Nucleotide Sequence Homology Data ]

Date : 2009.06.04

1st Nucleotide Sequence
  File Name        : Reference Seq.gnu
  Sequence Size    : 5407

2nd Nucleotide Sequence
  File Name        : RDB7368F.fasta
  Sequence Size    : 400

  Unit Size to Compare = 1
  Pick up Location     = 1



[98.489% / 397 bp]     INT/OPT.Score : <    782/  1515 >

     1’ GGCCTAACTG GCCGGTACCT GAGCTCGCTA GCCTCGAGGA TTTTGCTTTC GGCCTATAAC
                                                     ********* **********
    64″                                              TTTGCTTTC GGCCTATAAC

    61’ GGCCGCGACG ACAGGGAGCG AGGGTTGTGG CCGGCTT-CT GTTCCGGGTT GGAGGCCCCC
        ********** ********** ********** ******* ** ********** **********
    83″ GGCCGCGACG ACAGGGAGCG AGGGTTGTGG CCGGCTTACT GTTCCGGGTT GGAGGCCCCC

   120’ AGCCCAGCGC TTAGTGGGCG CTCACTGTGT ATACTGCCTA TTTGTATAAT AAAGAAAGGG
        ********** ********** ********** ********** * ******** **********
   143″ AGCCCAGCGC TTAGTGGGCG CTCACTGTGT ATACTGCCTA TATGTATAAT AAAGAAAGGG

   180’ ATGGAGAAGC TCAGTCTGGA GCCAAGGTGA CAGAAACGTG TCGGGCGGCC CCTGGGGGGC
        ********** ********** ********** ********** ********** **********
   203″ ATGGAGAAGC TCAGTCTGGA GCCAAGGTGA CAGAAACGTG TCGGGCGGCC CCTGGGGGGC

   240’ GCCGTCGAGT CGCGCTGCGG GTCGCCCCTC ACCCCTCCAA ACGCCAAACC CT-GGAATCC
        ********** ********** ********** ********** ********** ** *******
   263″ GCCGTCGAGT CGCGCTGCGG GTCGCCCCTC ACCCCTCCAA ACGCCAAACC CTGGGAATCC
```

```
   299' ACTGCGGGGC CTTGCGACCC CTCACCGGGA TTTCAGCCCC CTGACCTGCC TCCCTT-GGC
        ********** ********** ********** ********** ********** ****** ***
   323" ACTGCGGGGC CTTGCGACCC CTCACCGGGA TTTCAGCCCC CTGACCTGCC TCCCTTGGGC

   358' TCCAAGTCTT CCGGGGGCCA CAAGACTAGG AATAGCATTA TTTCCCGGTG GGAGTTTGCT
        ********** ********** ********** ********** ********** **********
   383" TCCAAGTCTT CCGGGGGCCA CAAGACTAGG AATAGCATTA TTTCCCGGTG GGAGTTTGCT

   418' TGCTCACACT TT-CATGGCA AATGTAGATA TTTTAAAGCC ACCTTAAAGA AAAGTCTGGG
        *****.**** ** *****
   443" TGCTCNCACT TTACATGGGC A
```

```
Date : 2009.06.08

1st Nucleotide Sequence
  File Name        : Reference Seq.gnu
  Sequence Size    : 5407

2nd Nucleotide Sequence
  File Name        : RDB7368R.fasta (Complementary)
  Sequence Size    : 115

  Unit Size to Compare = 1
  Pick up Location     = 1
```

```
[94.690% / 113 bp]     INT/OPT.Score : <    344/   402 >

  1081' TGATCACCAT TCAAACAAAC A-CCCCCCCT CCCCCTGCGC GCGGGTCTGG CCCGCCCCGT
                        **..* * ******** ********** ********** **********
   115"                CCCANNC ACCCCCCCCT CCCCCTGCGC GCGGGTCTGG CCCGCCCCGT

  1140' CCCCCAGAGG CCGCATATAA ACGCGCTCCC CGGGCCAGGC TCGCTGCGAA G-GACATTTG
        ********** ******** * ********** ********** ******** * * ********
```

```
 162″ CCCCCAGAGG CCGCATATTA ACGCGCTCCC CGGGCCAGGC TCGCTGCGTA GTGACATTTG

1199' GGCTGTGTAT CAAGATCTGG CCTCGGCGGC CAAGCTTGGC AATCCGGTAC TGTTGGTAAA
      ********
 222″ GGCTGTGT
```