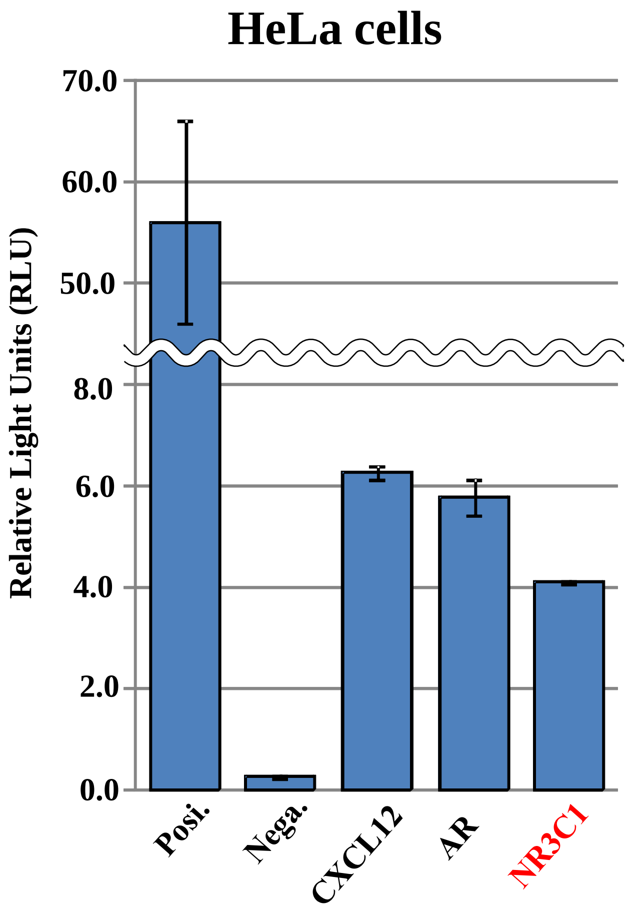
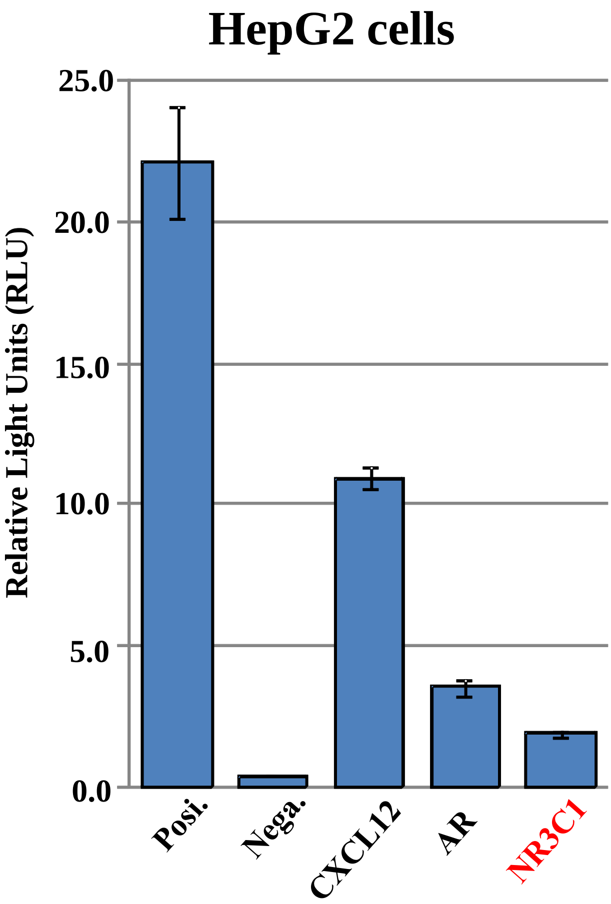
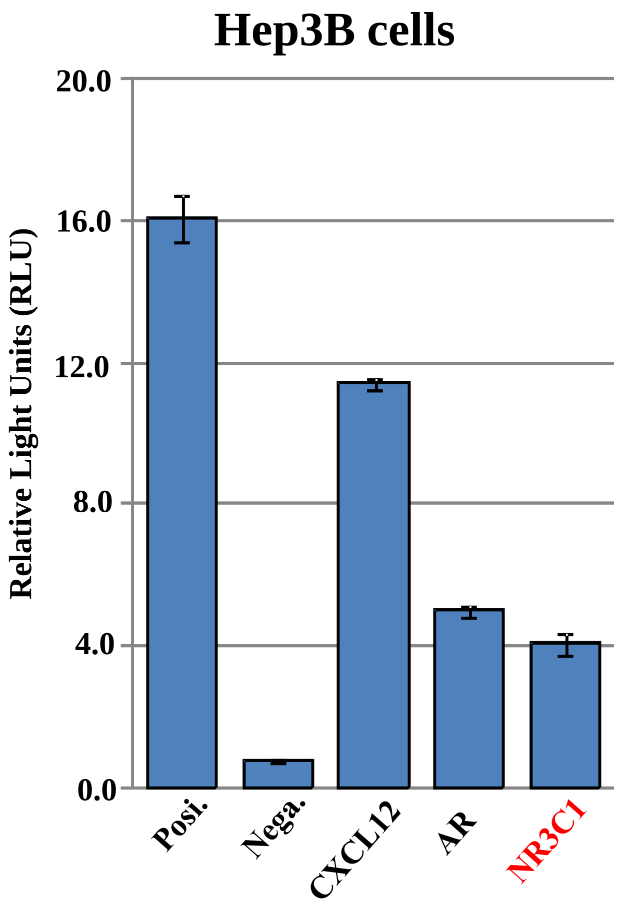
The Promoter Activities of Reporter Constructs


HeLa cells


HepG2 cells


Hep3B cells

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

CXCL12: pGL4-phCXCL12 (RDB# 7687)
AR: pGL4-phAR(RDB# 7690)
NR3C1: pGL4-phNR3C1 (RDB# 7689)

2010, DNA Bank, RIKEN BioResource Center

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[ GENETYX : Nucleotide Sequence Homology Data ]

Date : 2010.01.21

1st Nucleotide Sequence
  File Name        : Reference Seq.GNU
  Sequence Size    : 5734

2nd Nucleotide Sequence
  File Name        : RDB7689F.fasta (Complementary)
  Sequence Size    : 721

  Unit Size to Compare = 1
  Pick up Location     = 1



[97.920% / 721 bp]     INT/OPT.Score : <   2062/  2724 >

    901' CCCGCAGGGG CACTGGCGGC GCTTGCCGCC AAGGGGCAGA GCGAGCTCCC GAGTGGGTCT
                       **** ** ********** ********** ********** **********
      1″                  TGGC-GC GCTTGCCGCC AAGGGGCAGA GCGAGCTCCC GAGTGGGTCT

    961' GGAGCCGCGG AGCTGGGCGG GGGCGGGAAG GAGGTAGCGA GAAAAGAAAC TGGAGAAACT
         ********** ********** ********** ********** ********** **********
     47″ GGAGCCGCGG AGCTGGGCGG GGGCGGGAAG GAGGTAGCGA GAAAAGAAAC TGGAGAAACT

   1021' CGGTGGCCCT CTTAACGCCG CCCCAGAGAG ACCAGGTCGG CCCCCGCCGC TGCCGCCGCC
         ********** ********** ********** ********** ********** **********
    107″ CGGTGGCCCT CTTAACGCCG CCCCAGAGAG ACCAGGTCGG CCCCCGCCGC TGCCGCCGCC

   1081' ACCCTTTTTC CTGGGGAGTT GGGGGCGGGG GGCGAAGCGC GGCGCACCGG GCGGGGCGGC
         ********** ********** ********** ********** ********** **********
    167″ ACCCTTTTTC CTGGGGAGTT GGGGGCGGGG GGCGAAGCGC GGCGCACCGG GCGGGGCGGC

   1141' CACGCCAGGG GACGCGGGCG TGCAGGCGCC GTCGGGGCCG GGGTGGCGGG GCCCGCGCGG
         ********** ********** ********** ********** ********** **********
    227″ CACGCCAGGG GACGCGGGCG TGCAGGCGCC GTCGGGGCCG GGGTGGCGGG GCCCGCGCGG
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1201’ AGGGCGTGGG GGCAGGGACC GCGGGCGCCC CTGCAGTTGC CAAGCGTCAC CAACAGGTTG
      ********** ********** ********** ********** ********** **********
 287″ AGGGCGTGGG GGCAGGGACC GCGGGCGCCC CTGCAGTTGC CAAGCGTCAC CAACAGGTTG

1261’ CATCGTTCCC CGCGGCCGCC GCGCGGCCCC TCGGGCGGGG AGCGGCCGGG GGTGGAGTGG
      ********** ********** ********** ********** ********** **********
 347″ CATCGTTCCC CGCGGCCGCC GCGCGGCCCC TCGGGCGGGG AGCGGCCGGG GGTGGAGTGG

1321’ GAGCGCGTGT GTGCGAGTGT GTGCGCGCCG TGGCGCCGCC TCCACCCGCT CCCCGCTCGG
      ********** ********** ********** ********** ********** **********
 407″ GAGCGCGTGT GTGCGAGTGT GTGCGCGCCG TGGCGCCGCC TCCACCCGCT CCCCGCTCGG

1381’ TCCCGCTCGC TCGCCCAGGC CGGGCTGCCC TTTCGCGTGT CCGCGCTCTC -TTCCCTCCG
      ********** ********** ********** ********** **********  *********
 467″ TCCCGCTCGC TCGCCCAGGC CGGGCTGCCC TTTCGCGTGT CCGCGCTCTC TTTCCCTCCG

1440’ CCGCCGCCTC CTCCATTTTG CGAGCTCGTG TCTGTGACGG GAGCCCGAGT CACCGCC-TG
      ********** ********** ********** ********** ********** ******* **
 527″ CCGCCGCCTC CTCCATTTTG CGAGCTCGTG TCTGTGACGG GAGCCCGAGT CACCGCCTTG

1499’ CCCGTCGGGG ACGGATTCTG TGGGTGGAAG GAGACATCAA GATCTGGCCT CGGCGGCCAA
      ********** ********** ********** ********** ********** **********
 587″ CCCGTCGGGG ACGGATTCTG TGGGTGGAAG GAGACATCAA GATCTGGCCT CGGCGGCCAA

1559’ GCTTGGCAAT CCGGTACTGT TGGTAAAGCC ACCATGGAAG A-TGCCAAAA A-CA-TTAAG
      ** ******* ********** ********** ***  ***** * * ****** * ** *****
 647″ GC-TGGCAAT CCGGTACTGT TGGTAAAGCC ACCCAGGAAG AGTTCCAAAA ACCACTTAAG

1616’ AAGGGCCCAG CGCCATTCTA CCCACTCGAA GACGGGACCG CCGGCGAGCA GCTGCACAAA
      ****  ** *   **
 706″ AAGGCACCCG TTCCCC
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1st Nucleotide Sequence

File Name　　　: Reference Seq.GNU

Sequence Size　: 5734

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2nd Nucleotide Sequence
  File Name         : RDB7689R.fasta
  Sequence Size     : 569

  Unit Size to Compare = 1
  Pick up Location     = 1



[99.262% / 542 bp]     INT/OPT.Score : <   1796/  2117 >

     1’                                G GCCTAACTGG CCGGTACCTG AGCTCGCTAG
                                       * ********** ********** **********
     1″ ATGCATGTGC AGGTGCCGAA CTTTACTCTG GCCTAACTGG CCGGTACCTG AGCTCGCTAG

    32’ CCTCGAGGAT GAGGGGGAAG CTCCTAACAG GAACATCTGT AGGGAGTTGA ACGCTGGCAT
        **** ***** ********** ********** ********** ********** **********
    61″ CCTC-AGGAT GAGGGGGAAG CTCCTAACAG GAACATCTGT AGGGAGTTGA ACGCTGGCAT

    92’ TTTAAAGCTG CCTGTATTTT GTTTTATTTG TAGGGGCAGG GGTCCTATGA ACGTGATAGG
        ********** ********** ********** ********** ********** **********
   120″ TTTAAAGCTG CCTGTATTTT GTTTTATTTG TAGGGGCAGG GGTCCTATGA ACGTGATAGG

   152’ GTGAGCAACG CACAGAGTCG AGGGCAGCAA ATGTCAAGAT TCGGGGGTGG GGCCTGCACC
        ********** ********** ********** ********** ********** **********
   180″ GTGAGCAACG CACAGAGTCG AGGGCAGCAA ATGTCAAGAT TCGGGGGTGG GGCCTGCACC

   212’ GGGAACTTGG ACGCGGGCCC TGGCCGGGGT GGAAGAAGAG GTCAGGAGTT TCGGAAGGGG
        ********** ********** ********** ********** ********** **********
   240″ GGGAACTTGG ACGCGGGCCC TGGCCGGGGT GGAAGAAGAG GTCAGGAGTT TCGGAAGGGG

   272’ GGCTATATTT CGCCAGCAAC TTACTATTTC GCCTGCAACT TGCTTTTAAG CCTGCCGCCC
        ********** ********** ********** ********** ********** **********
   300″ GGCTATATTT CGCCAGCAAC TTACTATTTC GCCTGCAACT TGCTTTTAAG CCTGCCGCCC

   332’ CCTGCTTTCC TTAATCATAA TAATAAAAAA AAAGTGCAAA GAAATCCAGC TCGCTGGAGG
        ********** ********** ********** ********** ********** **********
   360″ CCTGCTTTCC TTAATCATAA TAATAAAAAA AAAGTGCAAA GAAATCCAGC TCGCTGGAGG
```

```
392’ TTTTGCATTT GGCGTGCAAC TTCCTTCGAG TGTGAGCACA TTGGGCGGGA GGGGTGGGGG
     ********** ********** ********** ********** ********** **********
420″ TTTTGCATTT GGCGTGCAAC TTCCTTCGAG TGTGAGCACA TTGGGCGGGA GGGGTGGGGG

452’ TTGAACTTGG CAGGCGGCGC CTCCTTCTGC CG-CCGCCGC CGCCTCGCAG ACTCGGGGAA
     ********** ********** ********** ** ******* ********** **********
480″ TTGAACTTGG CAGGCGGCGC CTCCTTCTGC CGCCCGCCGC CGCCTCGCAG ACTCGGGGAA

511’ GAGGGTGGGG GACGGTCGGG GCGCGGGGGA GGGTGGGTTC TGCTTTGCAA CTTCTCTCCC
     ********** ***.*** ** ********** *
540″ GAGGGTGGGG GACNGTC-GG GCGCGGGGGA G
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