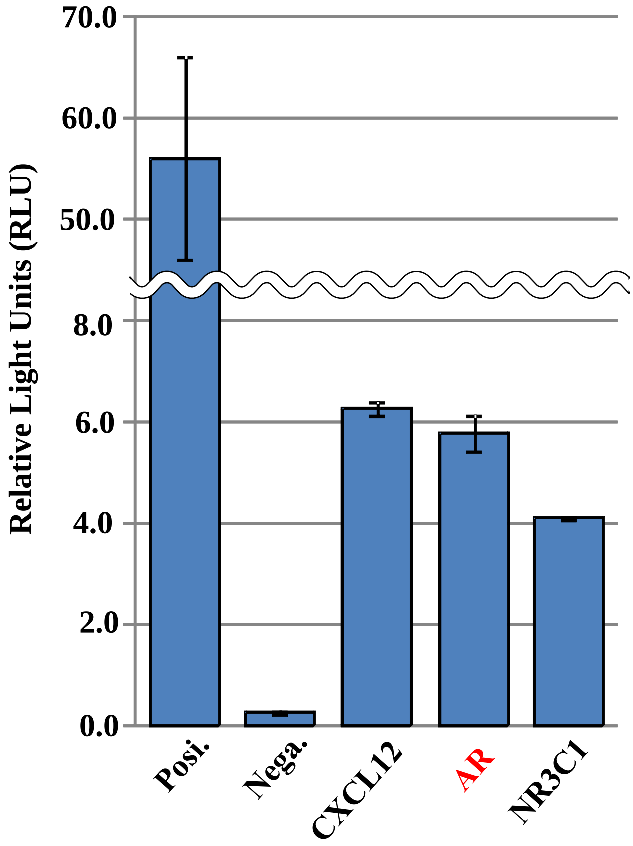
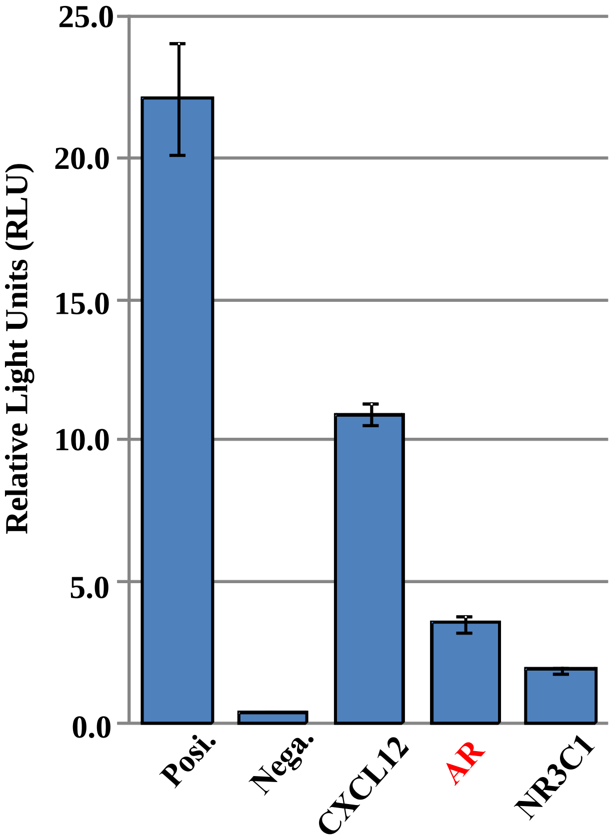
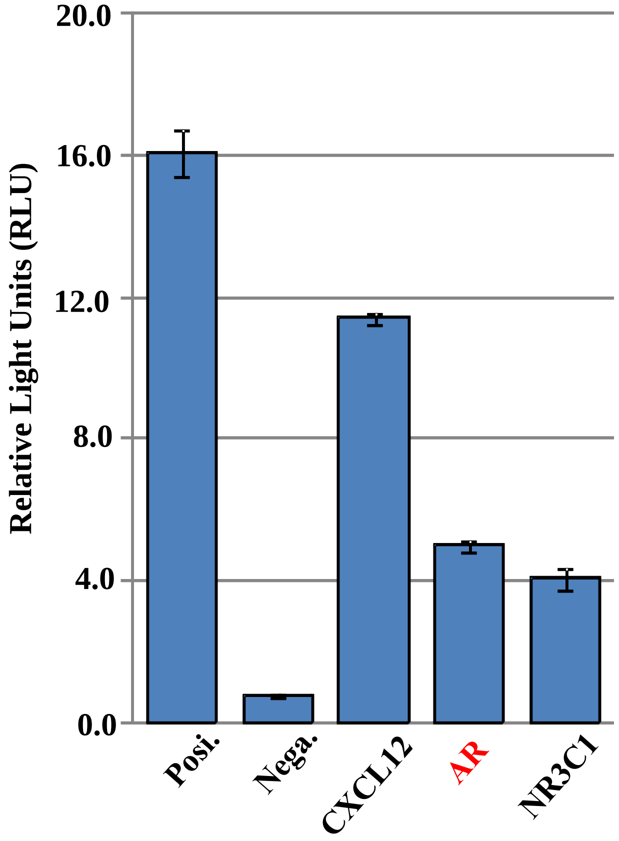
The Promoter Activities of Reporter Constructs


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 : 2010.01.12

1st Nucleotide Sequence
  File Name        : Reference Seq.GNU
  Sequence Size    : 5732

2nd Nucleotide Sequence
  File Name        : RDB7690F.fasta
  Sequence Size    : 743

  Unit Size to Compare = 1
  Pick up Location     = 1



[96.936% / 718 bp]     INT/OPT.Score : <   2380/  2620 >

      1'                             GGCC TAACTGGCCG GTACCTGAG- CTCGCTAGCC
                                     **** *********  *********  **********
      1″ CAGTGCATGT GCCAGAACAT TTCTCTGGCC TAACTGGCCT GTACCTGAGC CTCGCTAGCC

     34' TCGAGGATTG TTTGGCTGTG CACAAGATAA AGCTACAACA AAGCTACAAC CCATCTTTTC
         ********** ********** ********** ********** ********** **********
     61″ TCGAGGATTG TTTGGCTGTG CACAAGATAA AGCTACAACA AAGCTACAAC CCATCTTTTC

     94' TCTGTAGAAG ACTGCAAAAA GCAAAAGAGA CCCAGGCAAA AATCTCGGAA TGACTTTTGG
         ********** ********** ********** ********** ********** **********
    121″ TCTGTAGAAG ACTGCAAAAA GCAAAAGAGA CCCAGGCAAA AATCTCGGAA TGACTTTTGG

    154' AACAGAGAGC CTCCCCAGAA TCAGAAGTCA AAGGAATTTA AAACATAGGG AGGCCCAGGG
         ********** ********** ********** ********** ********** **********
    181″ AACAGAGAGC CTCCCCAGAA TCAGAAGTCA AAGGAATTTA AAACATAGGG AGGCCCAGGG

    214' TCTCTACTGA CATAAAGGAA AGATGTTTTC CTTATAGGTT TACGTTTACA TTTTCTCTCT
         ********** ********** ********** ********** ********** **********
    241″ TCTCTACTGA CATAAAGGAA AGATGTTTTC CTTATAGGTT TACGTTTACA TTTTCTCTCT
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274' CTTTCCATTC CCACTTGCAT CTCCACCTTT ACACAGGGCT TATGGGACCT CCTCCACAAA
     ********** ********** ********** ********** ********** **********
301″ CTTTCCATTC CCACTTGCAT CTCCACCTTT ACACAGGGCT TATGGGACCT CCTCCACAAA

334' AGAGCAGTTG CAGTAACCCA CATCATCCTC TACGCCTGGC TGTCCATCAA GAGGCGAAAA
     ********** **** ***** ********** ********** ********** **********
361″ AGAGCAGTTG CAGTCACCCA CATCATCCTC TACGCCTGGC TGTCCATCAA GAGGCGAAAA

394' GCAGCCCTAT ATAGGTTCTA TCCTTGGATA GTTCCAGTTG TAAAGTTTAA AATATGCGAA
     ********** ********** ********** ********** ********** **********
421″ GCAGCCCTAT ATAGGTTCTA TCCTTGGATA GTTCCAGTTG TAAAGTTTAA AATATGCGAA

454' GGCAACTTGG AAAAGCAAGC GGCTGCATAC AAAGCAAACG TTTACAGAGC TCTGGACAAA
     ********** ********** ********** ********** ********** **********
481″ GGCAACTTGG AAAAGCAAGC GGCTGCATAC AAAGCAAACG TTTACAGAGC TCTGGACAAA

514' ATTGAGCGCC TATGTGTACA TGGCAAGTGT TTTTAGTGTT TGTGTGTTTA CCTGCTTGTC
     ********** ********** ********** ********** ********** **********
541″ ATTGAGCGCC TATGTGTACA TGGCAAGTGT TTTTAGTGTT TGTGTGTTTA CCTGCTTGTC

574' TGGGTGATTT TGCCTTTGAG AGTCTGGATG AGAAATGCAT GGTTAAAGGC AATTCCAGAC
     ********** ********** ********** ********** **** ***** **********
601″ TGGGTGATTT TGCCTTTGAG AGTCTGGATG AGAAATGCAT GGTT-AAGGC AATTCCAGAC

634' AGGAAGAAAG GCAGAGAAGA GGGTAGAAAT GACCTCTGAT TCTTGGGGCT GAGGGTTCCT
     *********  **********  ***** *** ** ******  ** ******* ** **** **
660″ AGGAAGAAA- GCAGAGAAGA -GGTAG-AAT GA-CTCTGA- TC-TGGGGCT GA-GGTT-CT

694' AGAGCAAATG GCACAATGCC ACGAGGCCCG ATCTATCCCT ATGACGGAAT CTAAGGTTTC
      **** ****  **    *    ***
712″ -GAGC-AATG CCATGCAGAG CCGACATCTT AGGG
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1st Nucleotide Sequence
  File Name   : Reference Seq.GNU
  Sequence Size   : 5732

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2nd Nucleotide Sequence
  File Name        : RDB7690.fasta (Complementary)
  Sequence Size    : 798

  Unit Size to Compare = 1
  Pick up Location     = 1



[96.168% / 809 bp]     INT/OPT.Score : <   1920/  2941 >

    781' CTTGCTCCTC AGTTTGTAGG AGACTCTCCC ACTCTCCCAT CTGCGCGCTC TTATCAGTCC
                                     * ** * * * ****  ** * * *  **** *****
      1"                                   TTCC AAT-TTCCAT -TGGGGGGT- TTAT-AGTCC

    841' TGAAAAGAAC CCCTGGCAGC CAGGAGCAGG TATTCCTATC GTCCTTTTCC TCCCTCCCTC
           **** *** **** ***** ** *******  ********  **** ****  *********
     31" --AAAAAAAC CCCT-GCAGC CA-GAGCAGG GATTCCTATT GTCC-TTTCT TCCCTCCCTG

    901' GCCTCCACCC TGTTGGTTTT TTAGATTGGG CTTTGGAACC AAATTTGGTG AGTGCTGGCC
         **********  * * ***** ***** * ** ****** *** ****** * * **********
     86" GCCTCCACCC CGGT-GTTTT TTAGAAT-GG CTTTGGGACC AAATTTTGGG AGTGCTGGCC

    961' TCCAGGAAAT CTGGAGCCCT GGCGCCTAAA CCTTGGTTTA GGAAAGCAGG AGCTATTCAG
         *.******** ********** ********** ********** ********** ** *******
    144" TNCAGGAAAT CTGGAGCCCT GGCGCCTAAA CCTTGGTTTA GGAAAGCAGG AGGTATTCAG

   1021' GAAGCAGGGG TCCTCCAGGG CTAGAGCTAG CCTCTCCTGC CCTCGCCCAC GCTGCGCCAG
         ********** ********** ********** ********** ********** **********
    204" GAAGCAGGGG TCCTCCAGGG CTAGAGCTAG CCTCTCCTGC CCTCGCCCAC GCTGCGCCAG

   1081' CACTTGTTTC TCCAAAGCCA CTAGGCAGGC GTTAGCGCGC GGTGAGGGGA GGGGAGAAA-
         ********** ********** ********** ********** ********** *********
    264" CACTTGTTTC TCCAAAGCCA CTAGGCAGGC GTTAGCGCGC GGTGAGGGGA GGGGAGAAAT

   1140' AGGAAAGGGG AGGGGAGGGA AAAGGAGGTG GGAAGGCAAG GAGGCCGGCC CGGTGGGGGC
         ********** ********** ********** ********** ********** **********
    324" AGGAAAGGGG AGGGGAGGGA AAAGGAGGTG GGAAGGCAAG GAGGCCGGCC CGGTGGGGGC
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1200’ GGGACCCGAC TCGCAAACTG TTGCATTTGC TCTCCACCTC CCAGCGCCCC CTCCGAGATC
      ********** ********** ********** ********** ********** **********
 384″ GGGACCCGAC TCGCAAACTG TTGCATTTGC TCTCCACCTC CCAGCGCCCC CTCCGAGATC

1260’ CCGGGGAGCC AGCTTGCTGG GAGAGCGGGA CGGTCCGGAG CAAGCCCAGA GGCAGAGGAG
      ********** ********** ********** ********** ********** **********
 444″ CCGGGGAGCC AGCTTGCTGG GAGAGCGGGA CGGTCCGGAG CAAGCCCAGA GGCAGAGGAG

1320’ GCGACAGAGG GAAAAAGGGC CGAGCTAGCC GCTCCAGTGC TGTACAGGAG CCGAAGGGAC
      ********** ********** ********** ********** ********** **********
 504″ GCGACAGAGG GAAAAAGGGC CGAGCTAGCC GCTCCAGTGC TGTACAGGAG CCGAAGGGAC

1380’ GCACCACGCC AGCCCCAGCC CGGCTCCAGC GACAGCCAAC GCCTCTTGCA GCGCGGCGGC
      ********** ********** ********** ********** ********** **********
 564″ GCACCACGCC AGCCCCAGCC CGGCTCCAGC GACAGCCAAC GCCTCTTGCA GCGCGGCGGC

1440’ TTCGAAGCCG CCGCCCGGAG CTGCCCTTTC CTCTTCGGTG AAGTTTTTAA AAGCTGCTAA
      ********** ********** ********** ********** ********** **********
 624″ TTCGAAGCCG CCGCCCGGAG CTGCCCTTTC CTCTTCGGTG AAGTTTTTAA AAGCTGCTAA

1500’ AGACTCGGAG GAAGCAAGGA AAGTGCCTGG TAATCAAGAT CTGGCCTCGG CGGCCAAGCT
      ********** ********** ********** ********** ********** **********
 684″ AGACTCGGAG GAAGCAAGGA AAGTGCCTGG TAATCAAGAT CTGGCCTCGG CGGCCAAGCT

1560’ TGGCAATCCG GTACTGTTGG TAAAGCCACC ATGGAAGATG CCAAAAACAT TAAGAAGGGC
      ********** ********** ********** ********** ********** *****
 744″ TGGCAATCCG GTACTGTTGG TAAAGCCACC ATGGAAGATG CCAAAAACAT TAAGA
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