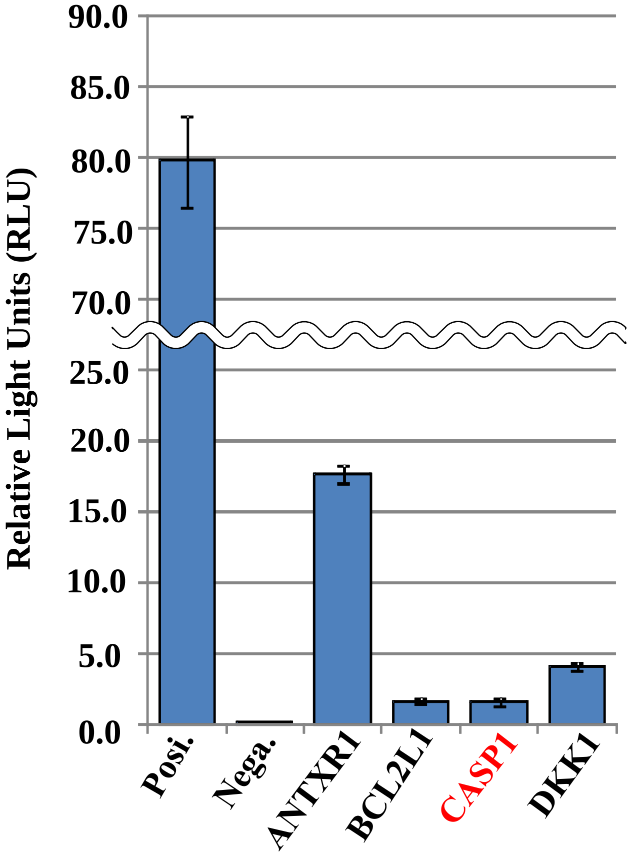
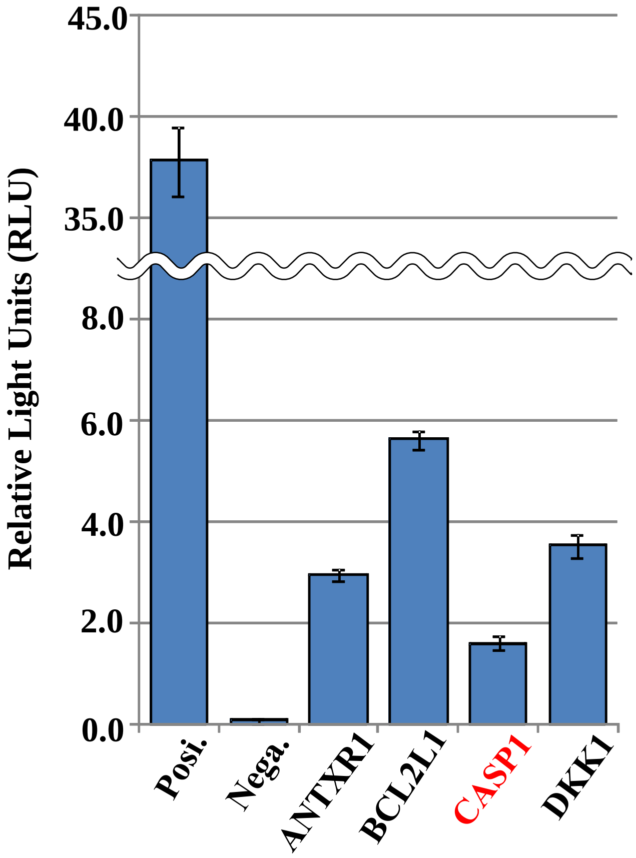
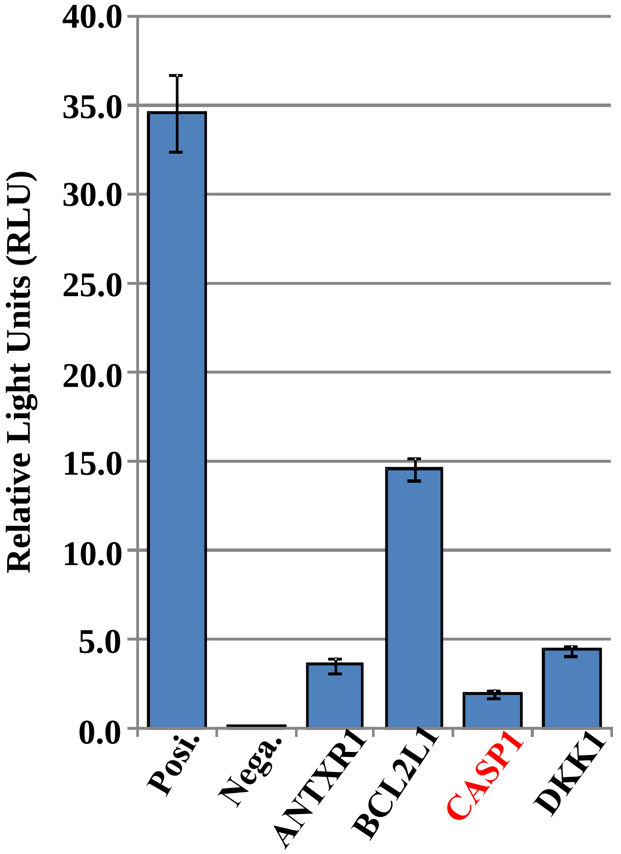
The Promoter Activities of Reporter Constructs


HeLa cells


HepG2 cells


Hep3B cells

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

ANTXR1: pGL4-phANTXR1 (RDB# 7333)
BCL2L1: pGL4-phBCL2L1 (RDB# 7335)
CASP1: pGL4-phCASP1 (RDB# 7338)
DKK1: pGL4-phDKK1 (RDB#7341)

2010, DNA Bank, RIKEN BioResource Center

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[ GENETYX : Nucleotide Sequence Homology Data ]

Date : 2010.03.02

1st Nucleotide Sequence
  File Name        : Reference Seq.gnu
  Sequence Size    : 5411

2nd Nucleotide Sequence
  File Name        : RDB7338F.fasta
  Sequence Size    : 664

  Unit Size to Compare = 1
  Pick up Location     = 1



[99.844% / 643 bp]     INT/OPT.Score : <   2566/  2566 >

      1’                       GGCCTAACTG GCCGGTACCT GAGCTCGCTA GCCTCGAGGA
                               ********** ********** ********** **********
      1″ GGTGCCAGAA CATGTACTCT GGCCTAACTG GCCGGTACCT GAGCTCGCTA GCCTCGAGGA

     41’ TAGATGCACT GCTTGAGGAT TCTAACAAAA GATAAACTTA GCTAAATAAT CTGCAAATAA
         ********** ********** ********** ********** ********** **********
     61″ TAGATGCACT GCTTGAGGAT TCTAACAAAA GATAAACTTA GCTAAATAAT CTGCAAATAA

    101’ TCATCCTTGA TTATTTTTCT AACCTTAAAC ATTTGTATTA ATTATAATAA TATCACTCAT
         ********** ********** ********** ********** ********** **********
    121″ TCATCCTTGA TTATTTTTCT AACCTTAAAC ATTTGTATTA ATTATAATAA TATCACTCAT

    161’ TATTTGCTTA CCATTTGCCA GGCTATGTTC CATGCATTTT CCACATTTTC TCTCACTTAA
         ********** ********** ********** ********** ********** **********
    181″ TATTTGCTTA CCATTTGCCA GGCTATGTTC CATGCATTTT CCACATTTTC TCTCACTTAA

    221’ TGCTCAAAAC TGTGTAGGTA CATACTATTA ATAAAATTAT TTCACATACA GAGGAACCAA
         ********** ********** ********** ********** ********** **********
    241″ TGCTCAAAAC TGTGTAGGTA CATACTATTA ATAAAATTAT TTCACATACA GAGGAACCAA
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281’ TGCATAGGGA AGTTCATTAT CTTGCCAAGG AAGGGAAGTT TAAAATGCTA AGTTCGACAT
     ********** ********** ********** ********** ********** ***** ****
301″ TGCATAGGGA AGTTCATTAT CTTGCCAAGG AAGGGAAGTT TAAAATGCTA AGTTCAACAT

341’ TCTCATTCCA GAGCCTATGC TCTGGGCCTC TACAATGCAA TTTCCCTCAA AAATAAACCC
     ********** ********** ********** ********** ********** **********
361″ TCTCATTCCA GAGCCTATGC TCTGGGCCTC TACAATGCAA TTTCCCTCAA AAATAAACCC

401’ TCCAGGATGG GTGGGTGGCT CATGCCTGTA ATCCTAGCAA TTTGGGAGAC CAAGGTGGGC
     ********** ********** ********** ********** ********** **********
421″ TCCAGGATGG GTGGGTGGCT CATGCCTGTA ATCCTAGCAA TTTGGGAGAC CAAGGTGGGC

461’ ACATTGCTTG AGCCTGGGAG CTGAAGACAA GCCTAGGAAA CACAAGGAGA CCCTGTCTTT
     ********** ********** ********** ********** ********** **********
481″ ACATTGCTTG AGCCTGGGAG CTGAAGACAA GCCTAGGAAA CACAAGGAGA CCCTGTCTTT

521’ ACAAGAGATA CAAATATTAG CTGGCCATGG TGGCATGTGC CAGTAATTGC AGCTACTCGG
     ********** ********** ********** ********** ********** **********
541″ ACAAGAGATA CAAATATTAG CTGGCCATGG TGGCATGTGC CAGTAATTGC AGCTACTCGG

581’ GAGGCTGAGT TGGAAGAATC ATCTGAGCCT GGGAAGTGGA GGCTGCAGTG AGCCAAGGTC
     ********** ********** ********** ********** ********** **********
601″ GAGGCTGAGT TGGAAGAATC ATCTGAGCCT GGGAAGTGGA GGCTGCAGTG AGCCAAGGTC

641’ AAATAACTGC ATTCCGGCCT GCACGACAGA ATGATACCCT GTATCAGAAA AAAAAAAAAA
     ***
661″ AAAA
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1st Nucleotide Sequence
  File Name        : Reference Seq.gnu
  Sequence Size    : 5411

2nd Nucleotide Sequence
  File Name        : RDB7338R.fasta (Complementary)
  Sequence Size    : 710
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Unit Size to Compare = 1
Pick up Location     = 1



[96.897% / 709 bp]     INT/OPT.Score : <   2424/  2626 >

  601' ATCTGAGCCT -GGGAAGTGG AGGCTGCAGT GAGCCAAGG- TCAAATAACT GCATTCCGG-
           ******  **** **** ********** ***** ***  ********** *********
    1"    AGAGCCT GGGGAGGTGG AGGCTGCAGT GAGCCCAGGT TCAAATAACT GCATTCCGGC

  658' CCTGCACGAC AGAATGATA- CCCTGTATCA G--------- ------AAAA AAAAAAAAAC
       ********** *********  ********** *                ****  **********
   58" CCTGCACGAC AGAATGATAC CCCTGTATCA GAAAAAAAAA AAAAAAAAAA AAAAAAAAAC

  702' AGAAAGAAAA AAGCAATGTG AAAAGAAGGA CATTAAATAA GAAAAGCTTT AATTCTGGTG
       ********** ********** ******** * ********** ********** **********
  118" AGAAAGAAAA AAGCAATGTG AAAAGAAGAA CATTAAATAA GAAAAGCTTT AATTCTGGTG

  762' AAAAATGTTT CTATTTCTTA AAGCAAAAAT GTTTCACAGG GACATACATT ACCCACAACT
       ********** ********** ********** ********** ********** **********
  178" AAAAATGTTT CTATTTCTTA AAGCAAAAAT GTTTCACAGG GACATACATT ACCCACAACT

  822' TTCCCAAGAG CTATGAGGTG GGGTCAGGGG AACAGTGGTT CACATACTCC AAAGGTTGTG
       ********** ********** ********** ********** ********** **********
  238" TTCCCAAGAG CTATGAGGTG GGGTCAGGGG AACAGTGGTT CACATACTCC AAAGGTTGTG

  882' TTACTTTTCT CCGTCAAGCT TTCTAATGAT TGAGAAACTC TTCACTGTGT GAATTTAATT
       ********** ********** ********** ********** ********** **********
  298" TTACTTTTCT CCGTCAAGCT TTCTAATGAT TGAGAAACTC TTCACTGTGT GAATTTAATT

  942' GTACACATAC TTTTTCAATC CTGTCTTACT CTCCAAGCCC CATTCCCCTC CTACCCTGAT
       ********** ********** ********** ********** ********** **********
  358" GTACACATAC TTTTTCAATC CTGTCTTACT CTCCAAGCCC CATTCCCCTC CTACCCTGAT

 1002' CTATCCAAGG GCTGGTGAAG AAAATTTCCC ATGGATACAC TACCTGATGC AGGCTACAGT
       ********** ********** ********** ********** ********** **********
  418" CTATCCAAGG GCTGGTGAAG AAAATTTCCC ATGGATACAC TACCTGATGC AGGCTACAGT
```

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1062’ TCTGATTCTT TAATGGGAAG AAAAATAAAG ACATGCATAT GCATGCACAG TGAGTATTTC
      ********** ********** ********** ********** ********** **********
 478″ TCTGATTCTT TAATGGGAAG AAAAATAAAG ACATGCATAT GCATGCACAG TGAGTATTTC

1122’ CCAATACATG TACAGGCCCT GCCAAAAAGG AAGGCGAAGC ATACTTTCAG TTTCAGTCAC
      ********** ********** ********** ********** ********** **********
 538″ CCAATACATG TACAGGCCCT GCCAAAAAGG AAGGCGAAGC ATACTTTCAG TTTCAGTCAC

1182’ ACAAGAAGGG AGGAGAGAAA AGCCATGGCA TCAAGATCTG GCCTCGGCGG CCAAGCTTGG
      ********** ********** ********** ********** ********** **********
 598″ ACAAGAAGGG AGGAGAGAAA AGCCATGGCA TCAAGATCTG GCCTCGGCGG CCAAGCTTGG

1242’ CAATCCGGTA CTGTTGGTAA AGCCACCATG GAAGATGCCA AAAACATTAA GAAGGGCCCA
      ********** ********** ********** ********** ********** ***
 658″ CAATCCGGTA CTGTTGGTAA AGCCACCATG GAAGATGCCA AAAACATTAA GAA
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