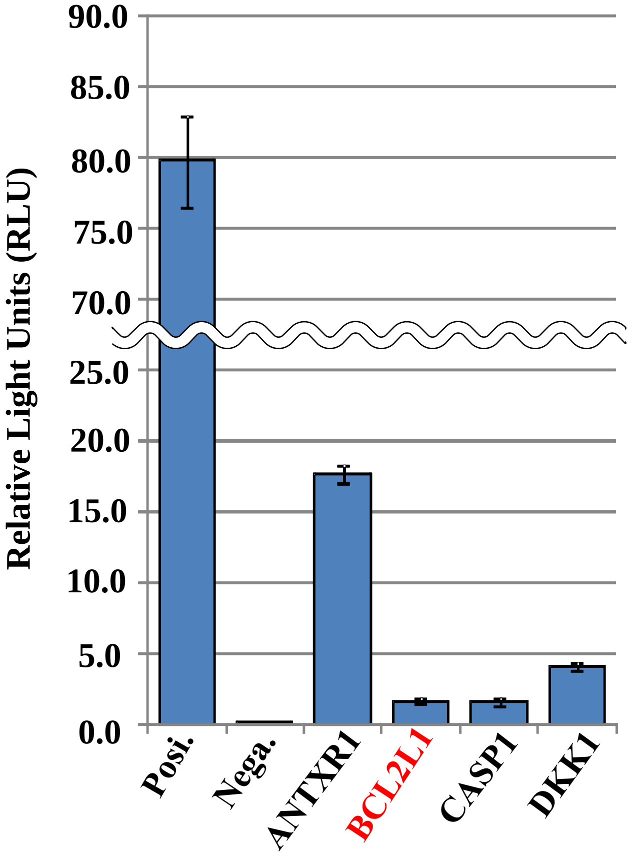
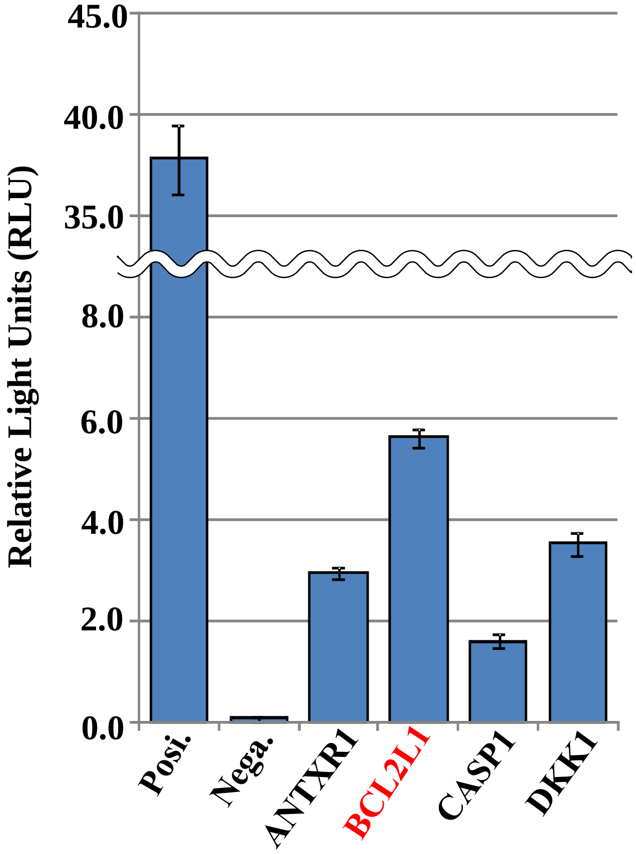
The Promoter Activities of Reporter Constructs

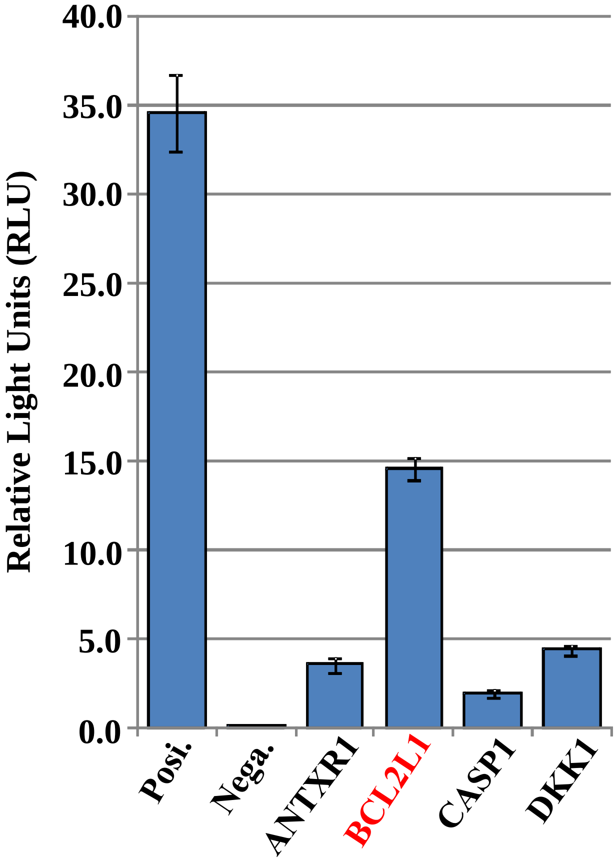
HeLa cells



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    : 5456

2nd Nucleotide Sequence
  File Name        : RDB7335F.fasta
  Sequence Size    : 501

  Unit Size to Compare = 1
  Pick up Location     = 1



[100.000% / 478 bp]     INT/OPT.Score : <   1912/  1912 >

      1'                          GGCCTAA CTGGCCGGTA CCTGAGCTCG CTAGCCTCGA
                                  ******* ********** ********** **********
      1" TGCAGGTGCC AGAACATTTC TCTGGCCTAA CTGGCCGGTA CCTGAGCTCG CTAGCCTCGA

     38' GGATTCCTGA TGCCAGTCAC TCAAGGCGCG CACTCCCTTT GCGTCTCGGG CTCGCGCGCG
         ********** ********** ********** ********** ********** **********
     61" GGATTCCTGA TGCCAGTCAC TCAAGGCGCG CACTCCCTTT GCGTCTCGGG CTCGCGCGCG

     98' TTGCCGCGGC ACCGGAAGTG ACTGAGCTTG CAAGTTCCCC TGTCTCTTCA GGGGAAACTG
         ********** ********** ********** ********** ********** **********
    121" TTGCCGCGGC ACCGGAAGTG ACTGAGCTTG CAAGTTCCCC TGTCTCTTCA GGGGAAACTG

    158' AGGCCGGCTT GTTCGGGAGA GACGGCGCGA GCAGTCAGCC AGGTAGGCCG GCAGCCAGGT
         ********** ********** ********** ********** ********** **********
    181" AGGCCGGCTT GTTCGGGAGA GACGGCGCGA GCAGTCAGCC AGGTAGGCCG GCAGCCAGGT

    218' AGGCCGGCCC GGGTCCGCGG CGCGGAACTC GGCCGCGAAG AGCTCTTGCG TCTGGAAGCT
         ********** ********** ********** ********** ********** **********
    241" AGGCCGGCCC GGGTCCGCGG CGCGGAACTC GGCCGCGAAG AGCTCTTGCG TCTGGAAGCT
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    278’ ACCGGGCCGA TGAAGGGGGA TGTGGCCCCC CACGGCTCGC GGGGCTCGCA GGTGAGAGCG
         ********** ********** ********** ********** ********** **********
    301″ ACCGGGCCGA TGAAGGGGGA TGTGGCCCCC CACGGCTCGC GGGGCTCGCA GGTGAGAGCG

    338’ CCGCCTCCCC TGTGCGTGAC AGCCGTTGCG CCCAATAGGA GCCTTCGCCG TCCCGCTTCC
         ********** ********** ********** ********** ********** **********
    361″ CCGCCTCCCC TGTGCGTGAC AGCCGTTGCG CCCAATAGGA GCCTTCGCCG TCCCGCTTCC

    398’ GTGCCGGCTG GGCTCGCTGA TTGGCTGCGC TGGGGCGGAC CGCCGGGGGC GAGGCCCCTC
         ********** ********** ********** ********** ********** **********
    421″ GTGCCGGCTG GGCTCGCTGA TTGGCTGCGC TGGGGCGGAC CGCCGGGGGC GAGGCCCCTC

    458’ CTCTCAGGAA GGTCTAGGGG GCGCCCCCGG GGGAGGGCGG TTGCCTAGCA ACGGGGCGGT
         ********** ********** *
    481″ CTCTCAGGAA GGTCTAGGGG G




1st Nucleotide Sequence
  File Name        : Reference Seq.gnu
  Sequence Size    : 5456

2nd Nucleotide Sequence
  File Name        : RDB7335R.fasta (Complementary)
  Sequence Size    : 447

  Unit Size to Compare = 1
  Pick up Location     = 1



[100.000% / 447 bp]     INT/OPT.Score : <   1788/  1788 >

    841’ AGAGCAAACC AGCGGCATTT GTTGGGGGTC TCCGGCCTTC AACATCACAG ACAGGCCTGG
                                                                   *******
      1″                                                           GGCCTGG
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 901’ GGGTGGCCTT CCCAAAGTCA GATTGCAGAT CTGAGGCAGT TTCCCCCTCC CTGCGTCCCT
      ********** ********** ********** ********** ********** **********
   8″ GGGTGGCCTT CCCAAAGTCA GATTGCAGAT CTGAGGCAGT TTCCCCCTCC CTGCGTCCCT

 961’ CACTGAAACC TTGAACCCCA TTGAGAAGTC CCTTTAGGGT TTCGGACGCC TCCACCTCAC
      ********** ********** ********** ********** ********** **********
  68″ CACTGAAACC TTGAACCCCA TTGAGAAGTC CCTTTAGGGT TTCGGACGCC TCCACCTCAC

1021’ CCTGGGCTGG TGCTTAAATA GAAAAAAGAA AAACAAAAAC CAACTAAATC CATACCAGCC
      ********** ********** ********** ********** ********** **********
 128″ CCTGGGCTGG TGCTTAAATA GAAAAAAGAA AAACAAAAAC CAACTAAATC CATACCAGCC

1081’ ACCTCCGGGA GAGTACTCCT GGCTCCCAGT AGGAGGCGGA GAGCCAAGGG GCGTGCAAGA
      ********** ********** ********** ********** ********** **********
 188″ ACCTCCGGGA GAGTACTCCT GGCTCCCAGT AGGAGGCGGA GAGCCAAGGG GCGTGCAAGA

1141’ GAGAGGGGGC TGGGCTCCCG GGTGGCAGGA GGCCGCGGCT GCGGAGCGGC CGCCCTCGAT
      ********** ********** ********** ********** ********** **********
 248″ GAGAGGGGGC TGGGCTCCCG GGTGGCAGGA GGCCGCGGCT GCGGAGCGGC CGCCCTCGAT

1201’ CCGGGCGATG GAGGAGGAAG CAAGCGAGGG GGCTGGTTCC TGAGCTTCGC AATTCATCAA
      ********** ********** ********** ********** ********** **********
 308″ CCGGGCGATG GAGGAGGAAG CAAGCGAGGG GGCTGGTTCC TGAGCTTCGC AATTCATCAA

1261’ GATCTGGCCT CGGCGGCCAA GCTTGGCAAT CCGGTACTGT TGGTAAAGCC ACCATGGAAG
      ********** ********** ********** ********** ********** **********
 368″ GATCTGGCCT CGGCGGCCAA GCTTGGCAAT CCGGTACTGT TGGTAAAGCC ACCATGGAAG

1321’ ATGCCAAAAA CATTAAGAAG GGCCCAGCGC CATTCTACCC ACTCGAAGAC GGGACCGCCG
      ********** **********
 428″ ATGCCAAAAA CATTAAGAAG
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