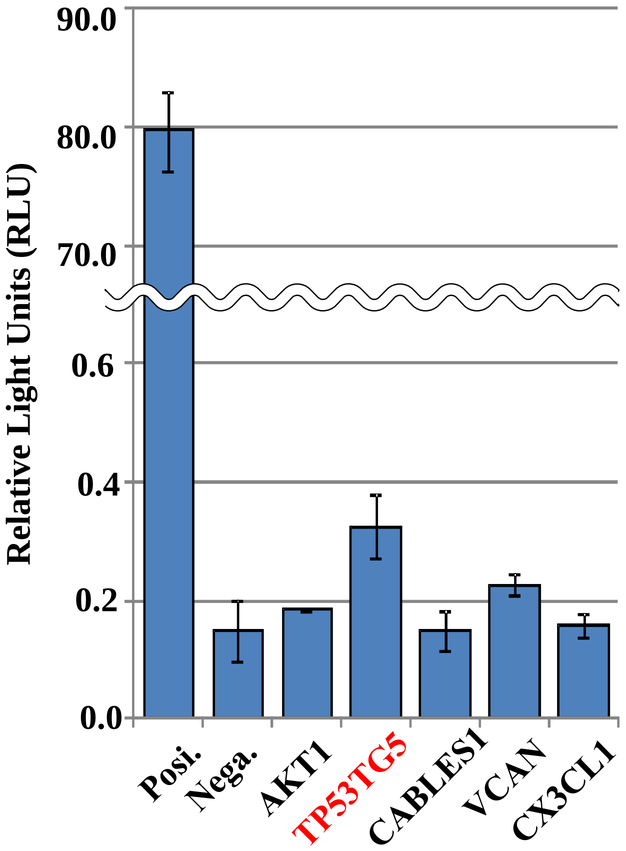
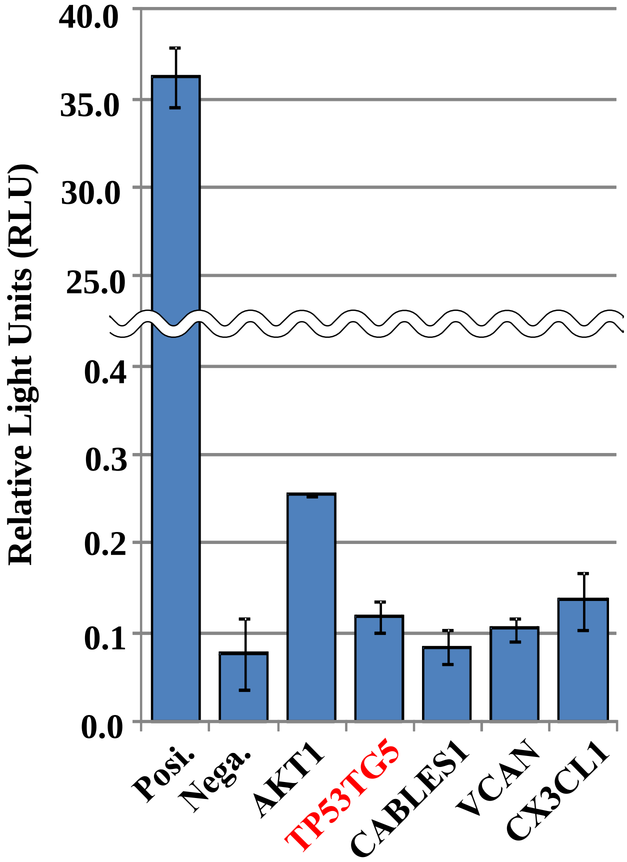
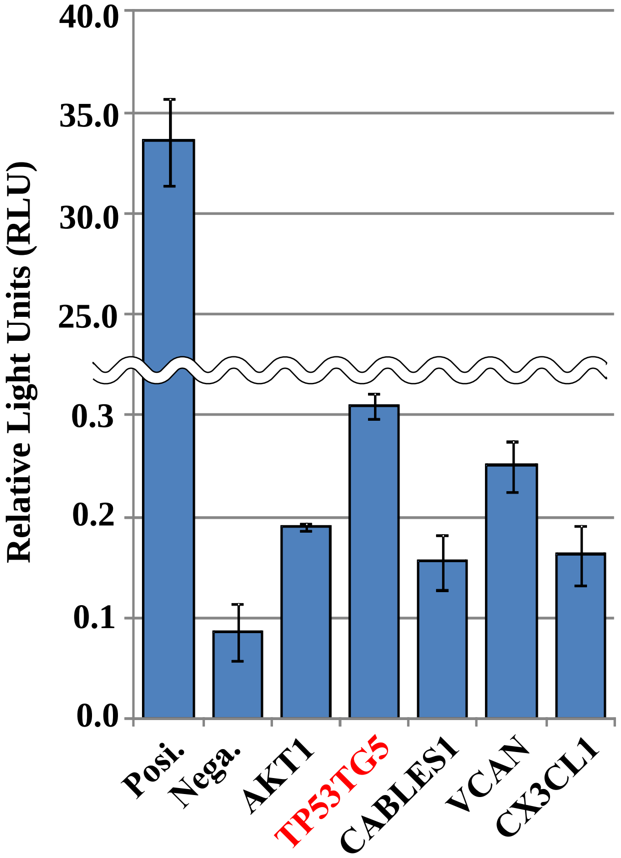
The Promoter Activities of Reporter Constructs



HeLa cells



HepG2 cells



Hep3B cells

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

AKT1: pGL4-phAKT1 (RDB# 7331)
TP53TG5: pGL4-phTP53TG5 (RDB# 7336)
CABLES1: pGL4-phCABLES1 (RDB# 7337)
VCAN: pGL4-phVCAN (RDB#7339)
CX3CL1: pGL4-phCX3CL1 (RDB#7340)

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 0.gnu
  Sequence Size    : 5512

2nd Nucleotide Sequence
  File Name        : RDB7336F.fasta
  Sequence Size    : 624

  Unit Size to Compare = 1
  Pick up Location     = 1



[99.669% / 604 bp]     INT/OPT.Score : <   2404/  2404 >

     1'                    GG CCTAACTGGC CGGTACCTGA GCTCGCTAGC CTCGAGGATA
                           ** ********** ********** ********** **********
     1″ GTGCCAGAAC ATTTCTCTGG CCTAACTGGC CGGTACCTGA GCTCGCTAGC CTCGAGGATA

    43' GCAAGTGTCC TGCCCATAGC TATTCGATTG TAAATAACAA AAAGAATCTG AGAAATATAT
        ********** ********** ********** ********** ********** *********
    61″ GCAAGTGTCC TGCCCATAGC TATTCGATTG TAAATAACAA AAAGAATCTG AGAAATATAC

   103' CTCCAGTATT CAAAAACTAT GGTCTAATTC AGCAAATAGG TCAATGAAAT CATTGATAAA
        ********** ********** ********** ********** ********** **********
   121″ CTCCAGTATT CAAAAACTAT GGTCTAATTC AGCAAATAGG TCAATGAAAT CATTGATAAA

   163' TGAGTTAAAT TTCAATATCT CTGTTGTTTC ACTTTTTCAC CTTCTTCTTA CTGTTTAGTG
        ********** ********** ********** ********** ********** **********
   181″ TGAGTTAAAT TTCAATATCT CTGTTGTTTC ACTTTTTCAC CTTCTTCTTA CTGTTTAGTG

   223' TAAATGAAAA TACAAACATT AATGTTGGTA TTATACTTGT TTATCCATTA CAACCATAGG
        ********** ********** ********** ********** ********** **********
   241″ TAAATGAAAA TACAAACATT AATGTTGGTA TTATACTTGT TTATCCATTA CAACCATAGG
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283' TTGGCTATAA ATGGAGGGGT TAGGCAAAAT CCAAGAAAAG CATACTATAA GAAGCAACTC
     ********** ********** ********** ********** ********** **********
301″ TTGGCTATAA ATGGAGGGGT TAGGCAAAAT CCAAGAAAAG CATACTATAA GAAGCAACTC

343' ACTAATAGAA GTTACAATAA AGAGTATTAT AGGATTCTAT TATTTGTTGA TTTCTATCAG
     ********** ********** ********** ********** ********** **********
361″ ACTAATAGAA GTTACAATAA AGAGTATTAT AGGATTCTAT TATTTGTTGA TTTCTATCAG

403' TAAAATTTAT AATACAAACA CATATACATT TTGCTTCAGA GAGCCAATTA TTAAACATTT
     ********** ********** ********** ********** ********** **********
421″ TAAAATTTAT AATACAAACA CATATACATT TTGCTTCAGA GAGCCAATTA TTAAACATTT

463' ACAAGTACAC ACACTGTTTC CCCTCCACTA GAATGTAAGC TTGAGGGCAA GAATTTTCTG
     ********** ********** ********** ********** ********** **********
481″ ACAAGTACAC ACACTGTTTC CCCTCCACTA GAATGTAAGC TTGAGGGCAA GAATTTTCTG

523' TTATTCTAGC ACTTAGAAAA AGCACCTGGC AAGGCCAGGC GCGCTGACTC ATGCCTGTAA
     ********** ********** ********** ********** ** ******* **********
541″ TTATTCTAGC ACTTAGAAAA AGCACCTGGC AAGGCCAGGC GCACTGACTC ATGCCTGTAA

583' TCCCAGCACT GTGGGAGGTG GAGGTGGGCG GATCACAAAG TCAAGAGATC GAGACCATCC
     ********** ********** **
601″ TCCCAGCACT GTGGGAGGTG GAAA
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1st Nucleotide Sequence
  File Name        : Reference Seq.gnu
  Sequence Size    : 5512

2nd Nucleotide Sequence
  File Name        : RDB7336R.fasta (Complementary)
  Sequence Size    : 658

  Unit Size to Compare = 1
  Pick up Location     = 1
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[99.696% / 658 bp]     INT/OPT.Score : <   2620/  2620 >

 721' GCTACTTGGG AGGCTGAGGC AGGAAAATCG CTTGAACCCA GGAGGCGGAG GTTGCAGGGA
                        * * ********** ********** **********  *********
   1″                   GCC AGGAAAATCG CTTGAACCCA GGAGGCGGAG TTTGCAGGGA

 781' GCCAAGATCT CACCACTGCA CTCCAGCCTG GCGACAGAGT GAGACTCTGT CTCAAAAAAC
      ********** ********** ********** ********** ********** **********
  44″ GCCAAGATCT CACCACTGCA CTCCAGCCTG GCGACAGAGT GAGACTCTGT CTCAAAAAAC

 841' AAAAAACAAA AAAAGAGAAA GAAAAGAAAA AGCACCTGGC ATGTAGCAGG CGCCCAGTCA
      ********** ********** ********** ********** ********** **********
 104″ AAAAAACAAA AAAAGAGAAA GAAAAGAAAA AGCACCTGGC ATGTAGCAGG CGCCCAGTCA

 901' AAACAGGCGA CATGACTGAA TGGATGAGCA TGGTTTGGGA ATCCCTGGTT TCATGGGTTG
      ********** ********** ********** ********** ********** **********
 164″ AAACAGGCGA CATGACTGAA TGGATGAGCA TGGTTTGGGA ATCCCTGGTT TCATGGGTTG

 961' ACTATCAGAC CTTGGTTAGG TTTCCAGCCC ACTATGATCT AGCTGGGCTA GATCTAGTGT
      ********** ********** ********** ********** ********** **********
 224″ ACTATCAGAC CTTGGTTAGG TTTCCAGCCC ACTATGATCT AGCTGGGCTA GATCTAGTGT

1021' GGCCTTGAGT AGATTATTCA ACCTCTTTGA ACCCTGGCTT CCTCATTTAA AAAGAGGGGA
      ********** ********** ********** ********** ********** **********
 284″ GGCCTTGAGT AGATTATTCA ACCTCTTTGA ACCCTGGCTT CCTCATTTAA AAAGAGGGGA

1081' TAATCCTCTT ACCCCACAGG GAGGTTGTGA CAATGCACAC AGCTGTCTGT CGCCTATTGT
      ********** ********** ********** ********** ********** **********
 344″ TAATCCTCTT ACCCCACAGG GAGGTTGTGA CAATGCACAC AGCTGTCTGT CGCCTATTGT

1141' CTATATTTCT TTCTCACCCT CTACCCCTCA CCTCTGCCAC ATACACTCCT TGGAGACCCA
      ********** ********** ********** ********** ********** **********
 404″ CTATATTTCT TTCTCACCCT CTACCCCTCA CCTCTGCCAC ATACACTCCT TGGAGACCCA

1201' GCCCTGCTAC TGTCACATTT CAGTGATGTC ACAGCTGCAG GTGGTACAGA GCCAGCACCA
      ********** ********** ********** ********** ********** **********
 464″ GCCCTGCTAC TGTCACATTT CAGTGATGTC ACAGCTGCAG GTGGTACAGA GCCAGCACCA
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1261’ CCATCTGATG CCCAGCCTGA GTGCTGGCTG AACTGAGAGG AACAGGGTTG GATCAAGATC
      ********** ********** ********** ********** ********** **********
 524″ CCATCTGATG CCCAGCCTGA GTGCTGGCTG AACTGAGAGG AACAGGGTTG GATCAAGATC

1321’ TGGCCTCGGC GGCCAAGCTT GGCAATCCGG TACTGTTGGT AAAGCCACCA TGGAAGATGC
      ********** ********** ********** ********** ********** **********
 584″ TGGCCTCGGC GGCCAAGCTT GGCAATCCGG TACTGTTGGT AAAGCCACCA TGGAAGATGC

1381’ CAAAAACATT AAGAAGGGCC CAGCGCCATT CTACCCACTC GAAGACGGGA CCGCCGGCGA
      ********** *****
 644″ CAAAAACATT AAGAA
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