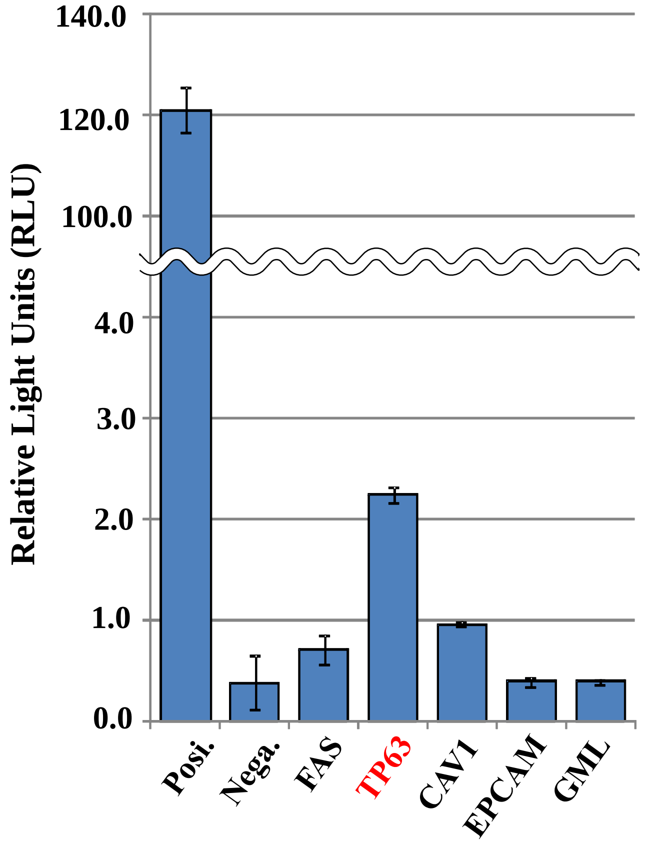
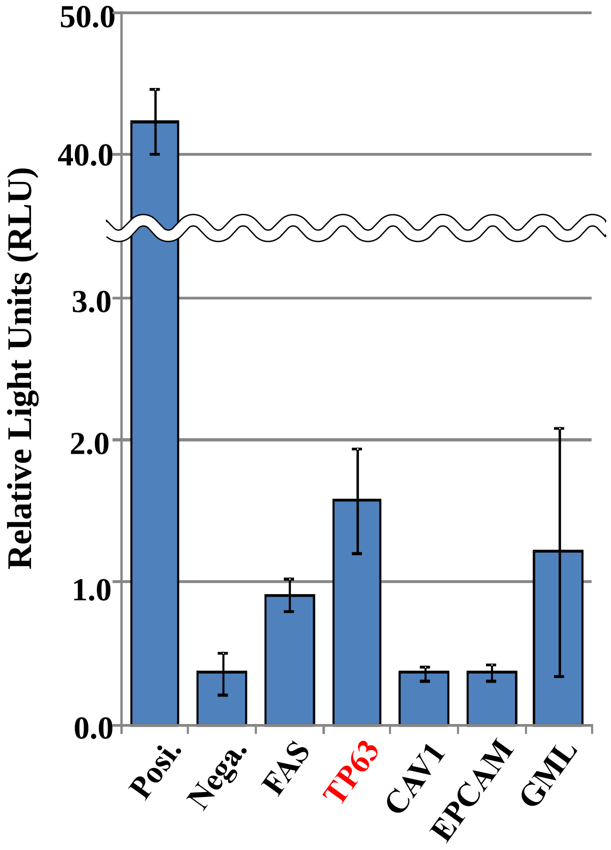
The Promoter Activities of Reporter Constructs

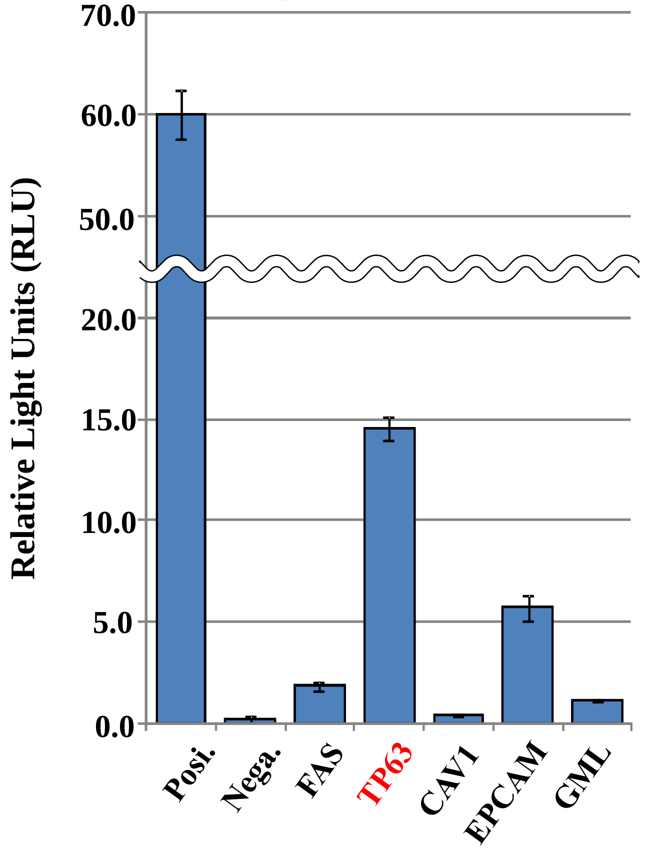
HeLa cells



HepG2 cells



Hep3B cells



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

FAS: pGL4-phFAS (RDB# 7349)
TP63: pGL4-phTP63 (RDB# 7350)
CAV1: pGL4-phCAV1 (RDB# 7364)
EPCAM: pGL4-phEPCAM (RDB#7367)
GML: pGL4-phGML (RDB# 7371)

2009, 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    : 5572

2nd Nucleotide Sequence
  File Name        : RDB7350F.fasta
  Sequence Size    : 659

  Unit Size to Compare = 1
  Pick up Location     = 1



[98.722% / 626 bp]     INT/OPT.Score : <   1956/  2414 >

     1’                    GG CCTAACTGGC CGGTACCTGA GCTCGCTAGC CTCGAGGATG
                           ** ********** ********** ********** **********
     1″ GTGCCAGAAC ATTTCTCTGG CCTAACTGGC CGGTACCTGA GCTCGCTAGC CTCGAGGATG

    43’ GGCTTTAGAT TGTCTCACAA CTTTGACATC TACTGATGTC ACCTATTTAC AGGTGTGTCC
        ********** ********** ********** ********** ********** **********
    61″ GGCTTTAGAT TGTCTCACAA CTTTGACATC TACTGATGTC ACCTATTTAC AGGTGTGTCC

   103’ TGTGACTAGG GGGTGAAGGG AAGATGTGAA CTCACCATGT TAGTGACCGT TAGATACACA
        ********** ********** ********** ********** ********** **********
   121″ TGTGACTAGG GGGTGAAGGG AAGATGTGAA CTCACCATGT TAGTGACCGT TAGATACACA

   163’ GAGTGGTTTT TTTTCCCCCT GTTGGAGTCT ATCCTAACTG AGCTTCTGAA TCATATTTCA
        ********** ********** ********** ********** ********** **********
   181″ GAGTGGTTTT TTTTCCCCCT GTTGGAGTCT ATCCTAACTG AGCTTCTGAA TCATATTTCA

   223’ TTCAATTTCC AAATCCACAA AACCAGGATA AGTTTACAGC CCATATTCAG AAAGGAAATA
        ********** ********** ********** ********** ********** **********
   241″ TTCAATTTCC AAATCCACAA AACCAGGATA AGTTTACAGC CCATATTCAG AAAGGAAATA
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283' AATTATTTTG TGTGTAGACT TTCCTGATAT TACACTGATT TGGGAATATA TGAACAATTT
     ********** ********** ********** ********** ********** **********
301″ AATTATTTTG TGTGTAGACT TTCCTGATAT TACACTGATT TGGGAATATA TGAACAATTT

343' TATGGTTTCC TTTCGAAGTA GGTCAAGTCA AAGCAAAACC AAAAACAGCA AAAACTGTAA
     ********** ********** ********** ********** ********** **********
361″ TATGGTTTCC TTTCGAAGTA GGTCAAGTCA AAGCAAAACC AAAAACAGCA AAAACTGTAA

403' GACATAAAGA ATAGAGTGGA GCCGACTGAG AGATTAAAAT AAACTAGAAT ATTTTTATTA
     ********** ********** ********** ********** ********** ** ***** *
421″ GACATAAAGA ATAGAGTGGA GCCGACTGAG AGATTAAAAT AAACTAGAAT ATATTTATAA

463' ACAGGCAATT TGAAATAATT TGTGCACTT- CAGAATATTC TACAATAATA TATTATTTCC
     ********** ********** *********  ********** ********** **********
481″ ACAGGCAATT TGAAATAATT TGTGCACTTC CAGAATATTC TACAATAATA TATTATTTCC

522' AATTTTAATA TCTTTAAGAA AATTACTATA TTATATGTAA GTACATGTGC ATGTGTTTGA
     ********** ********** ********** ********** ********** **********
541″ AATTTTAATA TCTTTAAGAA AATTACTATA TTATATGTAA GTACATGTGC ATGTGTTTGA

582' GGTAGGATAT TTAA-CTCAA T-AAAGGTT- -ATTTTCTTT TATTCGGGTC AGGCAAAGCT
     ********** **** ***** * *******    ******** ****
601″ GGTAGGATAT TTAACCTCAA TAAAAGGTTA ATTTTTCTTT TATTTCCGGG GTCAAGGGG
```

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1st Nucleotide Sequence
  File Name        : Reference Seq.gnu
  Sequence Size    : 5572

2nd Nucleotide Sequence
  File Name        : RDB7350R.fasta (Complementary)
  Sequence Size    : 708

  Unit Size to Compare = 1
  Pick up Location     = 1
```

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[99.431% / 703 bp]     INT/OPT.Score : <   2636/  2758 >

   721' CCTGTCTTTG CTATTTGAGA TTGTGACCAC AACAGGC-GG TTGGCTGAAA GGG-AAACTG
                                       * ******* ** ********** *** ******
     1"                           CCCACC AACAGGCGGG TTGGCTGAAA GGGAAAACTG

   779' AAGGGCGGGG AGGGA-GGGA AATAGATGAA AAAACAAAAC AAAACAAAAC TTCCCTAAGC
        ********** ***** **** ********** ********** ********** **********
    37" AAGGGCGGGG AGGGAGGGGA AATAGATGAA AAAACAAAAC AAAACAAAAC TTCCCTAAGC

   838' AGCTCTACAA AACATTTTAG CCCCAGAAAT AGTCACAGAA ATCCTCAAAT CAAACCAGTA
        ********** ********** ********** ********** ********** **********
    97" AGCTCTACAA AACATTTTAG CCCCAGAAAT AGTCACAGAA ATCCTCAAAT CAAACCAGTA

   898' TCCAGATACA AGGAAGTGTT ATGTAGCTGG AGCAGGGTGG ACACTCATCA GCTCAGTTCA
        ********** ********** ********** ********** ********** **********
   157" TCCAGATACA AGGAAGTGTT ATGTAGCTGG AGCAGGGTGG ACACTCATCA GCTCAGTTCA

   958' GTTACAAAAG TCCAGGCTGC TGAAATTAAA CTCTGATGCC ATTCATGCCA GCATCCAATC
        ********** ********** ********** ********** ********** **********
   217" GTTACAAAAG TCCAGGCTGC TGAAATTAAA CTCTGATGCC ATTCATGCCA GCATCCAATC

  1018' ACGACAGAGA TCAGAAGTTC AGAGATGCCT CCAGCTCCAA ATTGCCAACA ACAAGTGTGG
        ********** ********** ********** ********** ********** **********
   277" ACGACAGAGA TCAGAAGTTC AGAGATGCCT CCAGCTCCAA ATTGCCAACA ACAAGTGTGG

  1078' CTACTATACG TCAAGGACTC TGAAGCCGTG AGAGAGGGGG AAGAACAACA GTAGAGAGGA
        ********** ********** ********** ********** ********** **********
   337" CTACTATACG TCAAGGACTC TGAAGCCGTG AGAGAGGGGG AAGAACAACA GTAGAGAGGA

  1138' TGCCCAGCTG GTAAGAATCG AGTGTTTATG AAGTTTTAGT CAATTGATGA ATCTCATTGG
        ********** ********** ********** ********** ********** **********
   397" TGCCCAGCTG GTAAGAATCG AGTGTTTATG AAGTTTTAGT CAATTGATGA ATCTCATTGG

  1198' CTAAAATCAA GAAACGCTCC GCCTCTTTGC AAATATGTAT GAAGGAGAGA AGTGCCTAAA
        ********** ********** ********** ********** ********** **********
   457" CTAAAATCAA GAAACGCTCC GCCTCTTTGC AAATATGTAT GAAGGAGAGA AGTGCCTAAA
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1258' CTTCTATGTC TGATAGCATT TGACCCTATT GCTTTTAGCC TCCCGGCTTT ATATCTATAT
      ********** ********** ********** ********** ********** **********
 517″ CTTCTATGTC TGATAGCATT TGACCCTATT GCTTTTAGCC TCCCGGCTTT ATATCTATAT

1318' ATACACAGGT ATATGTGTAT ATTTTATATA ATTGTTCTCC GTTCGTTGAT ATCAATCAAG
      ********** ** ******* ********** ********** ********** **********
 577″ ATACACAGGT ATTTGTGTAT ATTTTATATA ATTGTTCTCC GTTCGTTGAT ATCAATCAAG

1378' ATCTGGCCTC GGCGGCCAAG CTTGGCAATC CGGTACTGTT GGTAAAGCCA CCATGGAAGA
      ********** ********** ********** ********** ********** **********
 637″ ATCTGGCCTC GGCGGCCAAG CTTGGCAATC CGGTACTGTT GGTAAAGCCA CCATGGAAGA

1438' TGCCAAAAAC ATTAAGAAGG GCCCAGCGCC ATTCTACCCA CTCGAAGACG GGACCGCCGG
      ********** **
 697″ TGCCAAAAAC AT
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