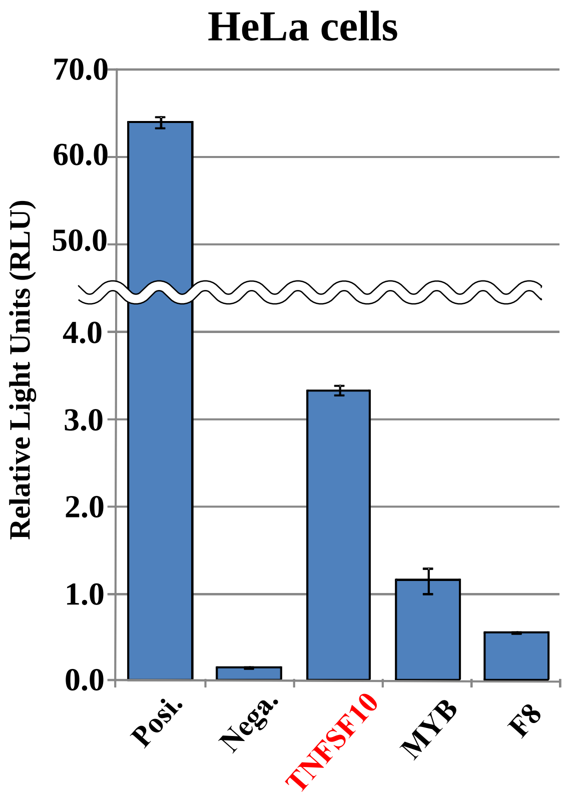
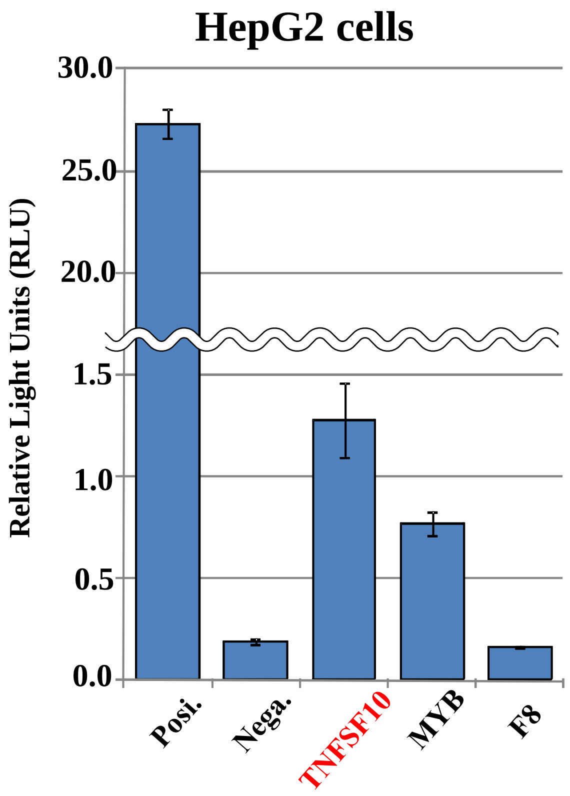
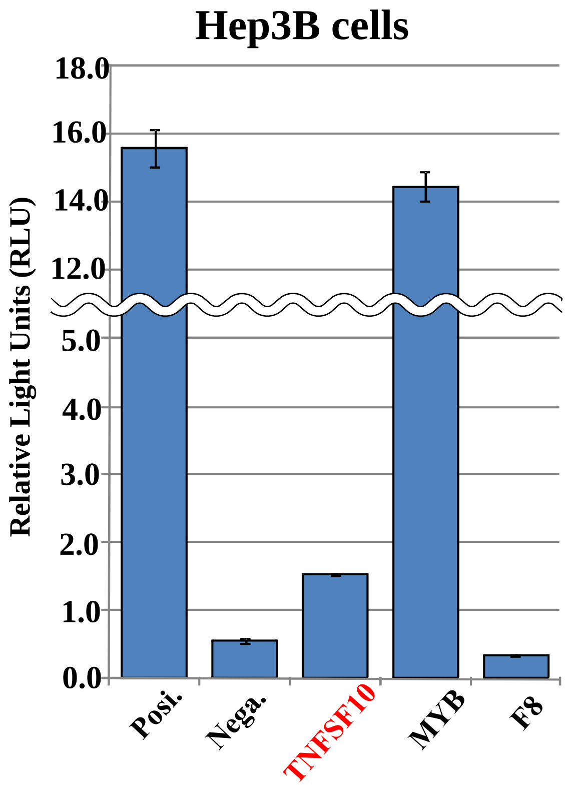
The Promoter Activities of Reporter Constructs


HeLa cells


HepG2 cells


Hep3B cells

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

TNFSF10: pGL4-phTNFSF10 (RDB# 7526)
MYB: pGL4-phMYB (RDB# 7480)
F8: pGL4-phF8 (RDB# 7519)

2010, DNA Bank, RIKEN BioResource Center

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[ GENETYX : Nucleotide Sequence Homology Data ]

Date : 2009.10.20

1st Nucleotide Sequence
  File Name         : Reference Seq.GNU
  Sequence Size     : 5738

2nd Nucleotide Sequence
  File Name         : RDB7526F.fasta
  Sequence Size     : 745

  Unit Size to Compare = 1
  Pick up Location     = 1



[95.289% / 743 bp]     INT/OPT.Score : <    385/  2592 >

     1’                GGCCTA ACTGGCCGGT ACCTGAGCTC GCTAGCCTCG AGGATGGGTC
                       ****** ********** ********** ********** **********
     1″ CAGAACATTT CTCTGGCCTA ACTGGCCGGT ACCTGAGCTC GCTAGCCTCG AGGATGGGTC

    47’ CCAAACTTTA GGTTTCAAAG GATCTCTTGG AGTACTTGCT GAANAAATGT AGGTTCCTAA
        ********** ********** ********** ********** *** ****** **********
    61″ CCAAACTTTA GGTTTCAAAG GATCTCTTGG AGTACTTGCT GAA-AAATGT AGGTTCCTAA

   107’ GTCCACTGCC AGAAACTCTG ACTCAGTGGG TCAANGAATG GAATAACTAA ACAATGGCCC
        ********** ********** ********** **** ***** ********** **********
   120″ GTCCACTGCC AGAAACTCTG ACTCAGTGGG TCAA-GAATG GAATAACTAA ACAATGGCCC

   167’ CATGCAGTGG TTCATGCCTG TAATCNCCAG CACGTTGGGA GGTTGAAGCA AGAGGATCAC
        ********** ********** ***** **** ********** ********** **********
   179″ CATGCAGTGG TTCATGCCTG TAATC-CCAG CACGTTGGGA GGTTGAAGCA AGAGGATCAC

   227’ TTGAGGTCAG GAGTTCNGAG ACCAGCCTGG CCTACATGGT AAAACCCCAT CTCTACTAAA
        ********** ****** *** ********** ********** ********** **********
   238″ TTGAGGTCAG GAGTTC-GAG ACCAGCCTGG CCTACATGGT AAAACCCCAT CTCTACTAAA
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287’ AATACAANAA AAATTAGCTG GGCATGGTGG CATGCACCTG TAATCCCAGC TACTTGGGNA
     ******* ** ********** ********** ********** ********** ******** *
297” AATACAA-AA AAATTAGCTG GGCATGGTGG CATGCACCTG TAATCCCAGC TACTTGGG-A

347’ GGCTGAGGCA GGAGAATTGC TTGAATCTGG GAGGTGGAGG TTGTAGTGGN GCCGAGATTG
     ********** ********** ********** ********** *********  **********
355” GGCTGAGGCA GGAGAATTGC TTGAATCTGG GAGGTGGAGG TTGTAGTGG- GCCGAGATTG

407’ TGCCATTGCA CCACTGCACT CCAGCCTGGG CGATAAAGTG NAGATTCTGT CAAAAAAATA
     ********** ********** ********** **********  ********* **********
414” TGCCATTGCA CCACTGCACT CCAGCCTGGG CGATAAAGTG -AGATTCTGT CAAAAAAATA

467’ AATAAATACA TGAAAGAGAG AAAGAAAGAA A---NGAAAG AAAGAAAGAA AGAAAGAAAG
     ********** ********** **** ***** *   .***** ********** **********
473” AATAAATACA TGAAAGAGAG AAAGGAAGAA AGAAAGAAAG AAAGAAAGAA AGAAAGAAAG

524’ AAAGAAAGAA AGAAAGAAGG AAAGANAG-- -GAAAGAA-- -TAGAAAAGA AAAG-AAAGA
     ********** ******** * *****.**    *******     **** *** **** *****
533” AAAGAAAGAA AGAAAGAAAG AAAGAAAGAA GGAAAGAAGG AAAGAATAGA AAAGAAAAGA

577’ AAGAAAGAAA GGAAGAAAAG GAANAGAAAG AAATGCTGAA TAAGATATAG AGACAACATA
     ******* ** ********** *** ****** ********** ********** **** *****
593” AAGAAAGGAA GGAAGAAAAG GAA-AGAAAG AAATGCTGAA TAAGATATAG AGACCACATA

637’ CAGCTGGGCC AGCTNTATGA CATCTGATAG TGGGGAGATT TGGGGCTGGG TCCTGAATCT
     ********** **** ***** ********** ********** ********** **********
652” CAGCTGGGCC AGCT-TATGA CATCTGATAG TGGGGAGATT TGGGGCTGGG TCCTGAATCT

697’ GAGGGNTAAT TAACTCCCTG TAACTTCTTT TCCTAATCTG TAAAAGGATA GTGACANGCG
     ***** **.* ***** **.* * ** ***** ***** *
711” GAGGG-TANT TAACT-CCNG T-ACCTCTTT TCCTATTT
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1st Nucleotide Sequence

File Name : Reference Seq.GNU

Sequence Size : 5738

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2nd Nucleotide Sequence
  File Name        : RDB7526R.fasta (Complementary)
  Sequence Size    : 482

  Unit Size to Compare = 1
  Pick up Location     = 1



[98.361% / 488 bp]     INT/OPT.Score : <    632/  1837 >

   1081' TATGGAAGTT TCAGGTCATA AAAATTATCN TTATAATTTA GAAAACAGGC CTTGTGCCTA
                                                                  ******
      1″                                                         TTGCCTA

   1141' TGACAGCCAG GCCATGAGGC NTTAGAGCTC TGTGGTAGAA TGAGGATATG TTAGGGAAAA
         ********** **********  ********* ********** ********** **********
      8″ TGACAGCCAG GCCATGAGGC -TTAGAGCTC TGTGGTAGAA TGAGGATATG TTAGGGAAAA

   1201' GCAAAGAAAA TNCCCTCCCC TCTTTGGCTG AGGACATTAT CAAAAGGAGA GCAAGAAAGA
         ********** * ******** ********** ********** ********** **********
     67″ GCAAAGAAAA T-CCCTCCCC TCTTTGGCTG AGGACATTAT CAAAAGGAGA GCAAGAAAGA

   1261' GANAGAGAGA AATGGGCTTG AGGTGAGTGC AGATAAGGGG TGCATGGATC CTGNAGGGCA
         ** ******* ********** ********** ********** ********** *** ******
    126″ GA-AGAGAGA AATGGGCTTG AGGTGAGTGC AGATAAGGGG TGCATGGATC CTG-AGGGCA

   1321' AGGAGAGGAG CTTCTTTCAG TTTCCCTCCT TTCCAACGAC TACTNTTGAG ACAAGAGCTG
         ********** ********** ********** ********** **** ***** **********
    184″ AGGAGAGGAG CTTCTTTCAG TTTCCCTCCT TTCCAACGAC TACT-TTGAG ACAAGAGCTG

   1381' TCCCTGGGCA GTAGGAAAGG GGAGGGACAG TTGCANGGTT CAATAGATGT GGGTGGGGCC
         ********** ********** ********** ***** **** ********** **********
    243″ TCCCTGGGCA GTAGGAAAGG GGAGGGACAG TTGCA-GGTT CAATAGATGT GGGTGGGGCC

   1441' AAGGCCACAG AACCCAGAAA AACAACNTCA TTCGCTTTCA TTTCCTCACT GACTATAAAA
         ********** ********** ****** *** ********** ********** **********
    302″ AAGGCCACAG AACCCAGAAA AACAAC-TCA TTCGCTTTCA TTTCCTCACT GACTATAAAA
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1501' GAATAGAGAA GGAAGGGNCT TCAGTGACCG GCTGCCTATC AAGATCTGGC CTCGGCGGCC
      ********** *******.** ********** ********** ********** **********
 361″ GAATAGAGAA GGAAGGGGCT TCAGTGACCG GCTGCCTATC AAGATCTGGC CTCGGCGGCC

1561' AAGCTTGGCA ATCCGGTACT GTTGGTAAAG CCACCATGGA AGATGCCAAA AACATTAAGA
      ********** ********** ********** ********** ********** **********
 421″ AAGCTTGGCA ATCCGGTACT GTTGGTAAAG CCACCATGGA AGATGCCAAA AACATTAAGA

1621' AGGGCCCAGC GCCATTCTAC CCACTCGAAG ACGGGACCGC CGGCGAGCAG CTGCACAAAG
      **
 481″ AG
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