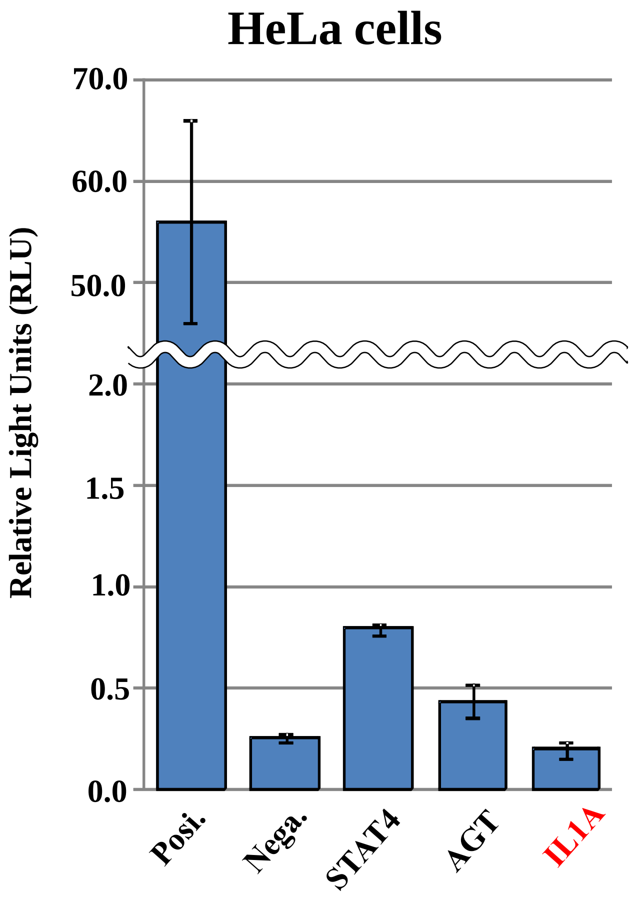
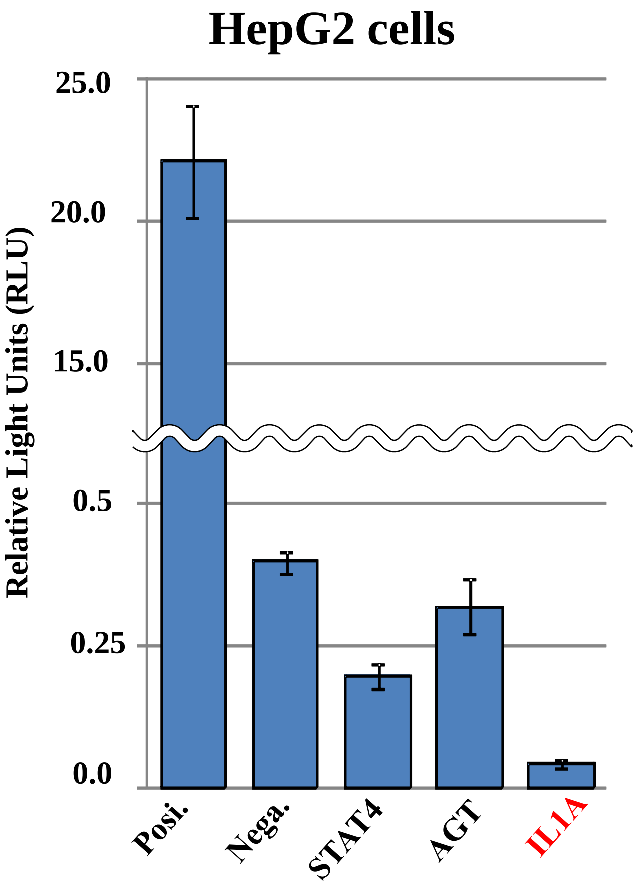
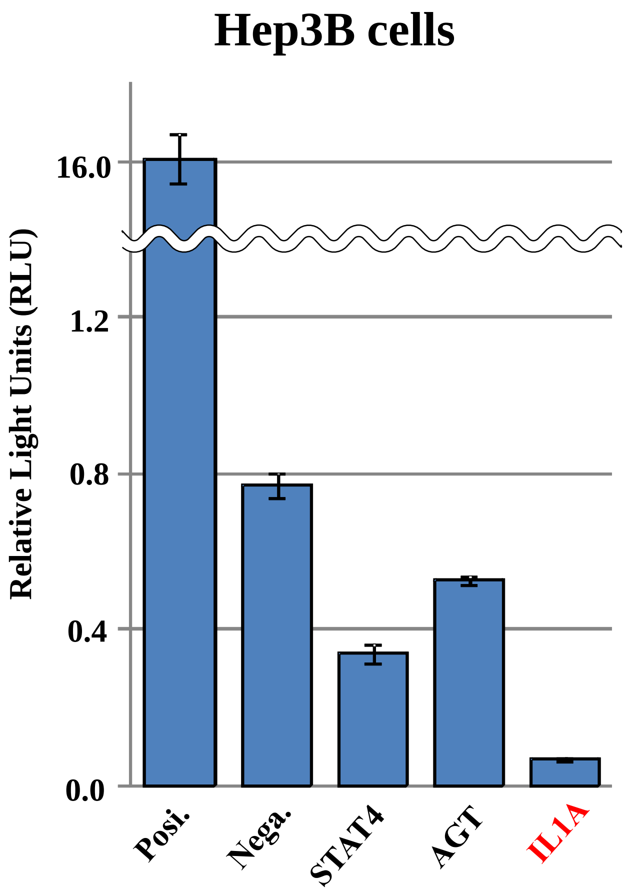
The Promoter Activities of Reporter Constructs


HeLa cells


HepG2 cells


Hep3B cells

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

STAT4: pGL4-phSTAT4 (RDB# 7711)
AGT: pGL4-phAGT(RDB# 7683)
IL1A: pGL4-phIL1A (RDB# 7682)

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[ GENETYX : Nucleotide Sequence Homology Data ]

Date : 2010.01.21

1st Nucleotide Sequence
  File Name        : Reference Seq.GNU
  Sequence Size    : 5736

2nd Nucleotide Sequence
  File Name        : RDB7682F.fasta
  Sequence Size    : 667

  Unit Size to Compare = 1
  Pick up Location     = 1



[100.000% / 636 bp]     INT/OPT.Score : <   2544/  2544 >

    1'                                   GGCCTAACT GGCCGGTACC TGAGCTCGCT
                                         ********* ********** **********
    1″ ATGCAATGTG CAGGTGCCAG AACATTTCTC TGGCCTAACT GGCCGGTACC TGAGCTCGCT

   30' AGCCTCGAGG ATTGGCATAG GATAAGTGCA CAATAATTTT TTTTTCCTAA ATGATTTAGA
       ********** ********** ********** ********** ********** **********
   61″ AGCCTCGAGG ATTGGCATAG GATAAGTGCA CAATAATTTT TTTTTCCTAA ATGATTTAGA

   90' TGACAGTGAC TCATTAAGGG TTTCCTGAGG CCTCCTCAGA GTCGAGAGGT GGGTGCCTGA
       ********** ********** ********** ********** ********** **********
  121″ TGACAGTGAC TCATTAAGGG TTTCCTGAGG CCTCCTCAGA GTCGAGAGGT GGGTGCCTGA

  150' AGCCACCCAA AGTCCCTGTC ACAGGATGGC TCCCAACGCA CACACCACAG GCCTGCCCAG
       ********** ********** ********** ********** ********** **********
  181″ AGCCACCCAA AGTCCCTGTC ACAGGATGGC TCCCAACGCA CACACCACAG GCCTGCCCAG

  210' TATGTTCCAC TATCTACCCA GTAGAGCCCT GCCCAGTACG TTCCACTGTC CCTTCCCTAG
       ********** ********** ********** ********** ********** **********
  241″ TATGTTCCAC TATCTACCCA GTAGAGCCCT GCCCAGTACG TTCCACTGTC CCTTCCCTAG
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270' AAGAGGTGAC TGTTGTTCAC AGTCCCAGAA AAGCGGGCTC CCCAAAACAA TGCAAGGACC
     ********** ********** ********** ********** ********** **********
301″ AAGAGGTGAC TGTTGTTCAC AGTCCCAGAA AAGCGGGCTC CCCAAAACAA TGCAAGGACC

330' CACCTCTCTC TGAACCTCAC CCACCCTAGT TTTCCTTTAA AAATCAATTT ACAAGAAGAT
     ********** ********** ********** ********** ********** **********
361″ CACCTCTCTC TGAACCTCAC CCACCCTAGT TTTCCTTTAA AAATCAATTT ACAAGAAGAT

390' CATGTGAAGG AAAAGGTTGG GTGATATTCT AACCCAAGTT AGCTGTTTCT CAACCAAGTT
     ********** ********** ********** ********** ********** **********
421″ CATGTGAAGG AAAAGGTTGG GTGATATTCT AACCCAAGTT AGCTGTTTCT CAACCAAGTT

450' CTCTTTGAAA AATTCAACAA CCACCTTTGG GGAATTATTT ACAACAGAGG AGTGAGGATG
     ********** ********** ********** ********** ********** **********
481″ CTCTTTGAAA AATTCAACAA CCACCTTTGG GGAATTATTT ACAACAGAGG AGTGAGGATG

510' GGACCAGGAT AGGTATTGCC TATGTTGGTG GAACCAGGGT TTTTTTCCTG GATTACCAAA
     ********** ********** ********** ********** ********** **********
541″ GGACCAGGAT AGGTATTGCC TATGTTGGTG GAACCAGGGT TTTTTTCCTG GATTACCAAA

570' GAGATGGTAT GCATTGCTCC CAGAAGCTAA ATATCTTCAG GCTTTCAATG GTGGCCTTCA
     ********** ********** ********** ********** ********** **********
601″ GAGATGGTAT GCATTGCTCC CAGAAGCTAA ATATCTTCAG GCTTTCAATG GTGGCCTTCA

630' CCTGAAAATG TTATCCCTGT TGAAGCTTTC AAGCCAGTAT TTTCATAAGA ACTATATTTT
     *******
661″ CCTGAAA
```

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1st Nucleotide Sequence
  File Name        : Reference Seq.GNU
  Sequence Size    : 5736

2nd Nucleotide Sequence
  File Name        : RDB7682R.fasta (Complementary)
  Sequence Size    : 679
```

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  Unit Size to Compare = 1
  Pick up Location     = 1



[100.000% / 671 bp]     INT/OPT.Score : <   2684/  2684 >

    901' GAACCAAGGT AAGCAGAAAT GTAGCCAGTT GGCTGGCATC ACTGTTGCTT CAGGATTCAT
                                                             **********
      1"                                                     CAGGATTCAT

    961' CCTTAGACAC CCAAGCTTCT ACCCTAGTCT GGTGCTACAC TTACATTGCT TACATCCAAG
         ********** ********** ********** ********** ********** **********
     11" CCTTAGACAC CCAAGCTTCT ACCCTAGTCT GGTGCTACAC TTACATTGCT TACATCCAAG

   1021' TGTGGTTATT TCTGTGGCTC CTGTTATAAC TATTATAGCA CCAGGTCTAT GACCAGGAGA
         ********** ********** ********** ********** ********** **********
     71" TGTGGTTATT TCTGTGGCTC CTGTTATAAC TATTATAGCA CCAGGTCTAT GACCAGGAGA

   1081' ATTAGACTGG CATTAAATCA GAATAAGAGA TTTTGCACCT GCAATAGACC TTATGACACC
         ********** ********** ********** ********** ********** **********
    131" ATTAGACTGG CATTAAATCA GAATAAGAGA TTTTGCACCT GCAATAGACC TTATGACACC

   1141' TAACCAACCC CATTATTTAC AATTAAACAG GAACAGAGGG AATACTTTAT CCAACTCACA
         ********** ********** ********** ********** ********** **********
    191" TAACCAACCC CATTATTTAC AATTAAACAG GAACAGAGGG AATACTTTAT CCAACTCACA

   1201' CAAGCTGCTT TCCTCCCAGA TCCATGCTTT TTTGCGTTTA TTATTTTTTA GAGATGGGGG
         ********** ********** ********** ********** ********** **********
    251" CAAGCTGCTT TCCTCCCAGA TCCATGCTTT TTTGCGTTTA TTATTTTTTA GAGATGGGGG

   1261' CTTCACTATG TTGCCCACAC TGGACTAAAA CTCTGGGCCT CAAGTGATTG TCCTGCCTCA
         ********** ********** ********** ********** ********** **********
    311" CTTCACTATG TTGCCCACAC TGGACTAAAA CTCTGGGCCT CAAGTGATTG TCCTGCCTCA

   1321' GCCTCCTGAA TAGCTGGGAC TACAGGGGCA TGCCATCACA CCTAGTTCAT TTCCTCTATT
         ********** ********** ********** ********** ********** **********
    371" GCCTCCTGAA TAGCTGGGAC TACAGGGGCA TGCCATCACA CCTAGTTCAT TTCCTCTATT
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1381’ TAAAATATAC ATGGCTTAAA CTCCAACTGG GAACCCAAAA CATTCATTTG CTAAGAGTCT
      ********** ********** ********** ********** ********** **********
 431″ TAAAATATAC ATGGCTTAAA CTCCAACTGG GAACCCAAAA CATTCATTTG CTAAGAGTCT

1441’ GGTGTTCTAC CACCTGAACT AGGCTGGCCA CAGGAATTAT AAAAGCTGAG AAATTCTTTA
      ********** ********** ********** ********** ********** **********
 491″ GGTGTTCTAC CACCTGAACT AGGCTGGCCA CAGGAATTAT AAAAGCTGAG AAATTCTTTA

1501’ ATAATAGTAA CCAGGCAACA CCATTGAAGG CTCATATCAA GATCTGGCCT CGGCGGCCAA
      ********** ********** ********** ********** ********** **********
 551″ ATAATAGTAA CCAGGCAACA CCATTGAAGG CTCATATCAA GATCTGGCCT CGGCGGCCAA

1561’ GCTTGGCAAT CCGGTACTGT TGGTAAAGCC ACCATGGAAG ATGCCAAAAA CATTAAGAAG
      ********** ********** ********** ********** ********** **********
 611″ GCTTGGCAAT CCGGTACTGT TGGTAAAGCC ACCATGGAAG ATGCCAAAAA CATTAAGAAG

1621’ GGCCCAGCGC CATTCTACCC ACTCGAAGAC GGGACCGCCG GCGAGCAGCT GCACAAAGCC
      *
 671″ GAACACGTC
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