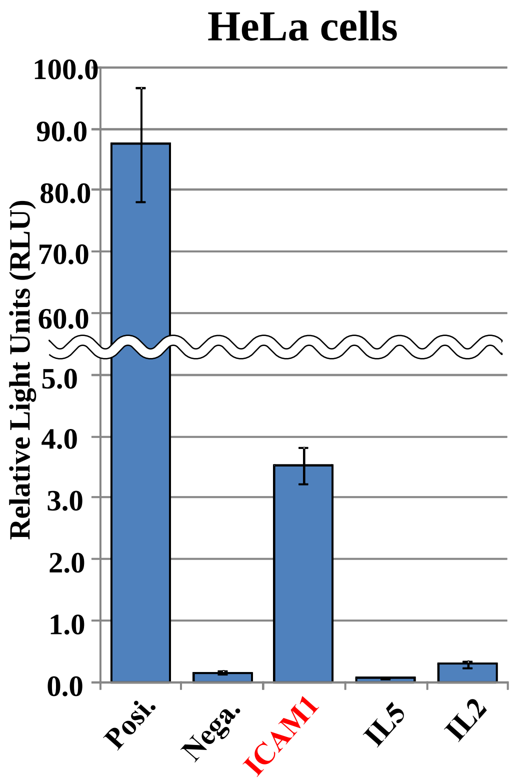
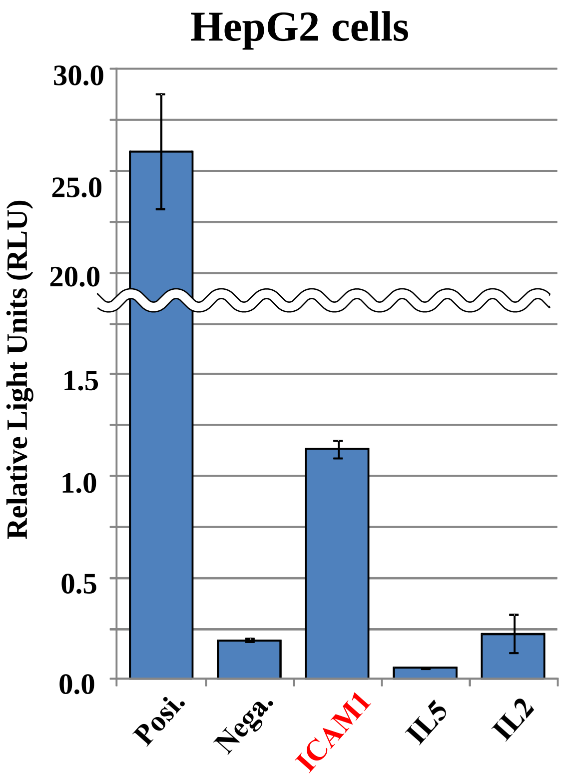
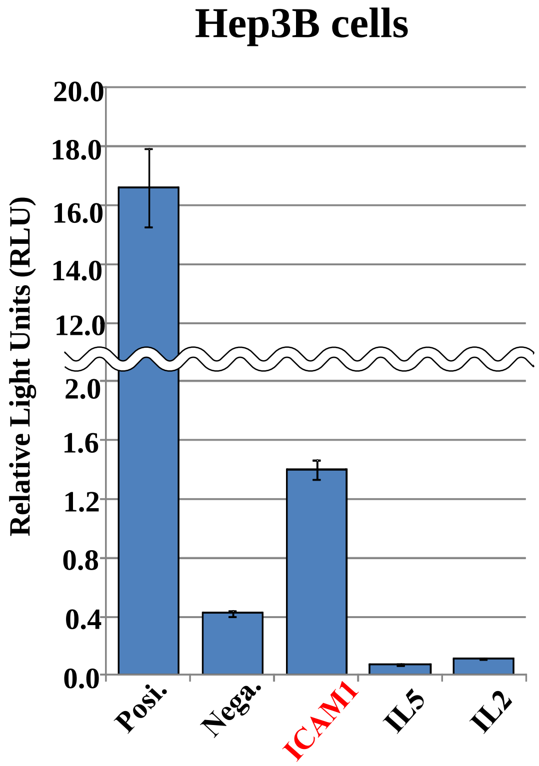
The Promoter Activities of Reporter Constructs







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

ICAM1: pGL4-phICAM1(RDB# 7390)
IL5: pGL4-phIL5(RDB# 7392)
IL2: pGL4-phIL2 (RDB# 7391)

2010, DNA Bank, RIKEN BioResource Center

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[ GENETYX : Nucleotide Sequence Homology Data ]

Date : 2010.01.25

1st Nucleotide Sequence
  File Name         : Reference Seq.gnu
  Sequence Size     : 5569

2nd Nucleotide Sequence
  File Name         : RDB7390F.fasta
  Sequence Size     : 404

  Unit Size to Compare = 1
  Pick up Location     = 1



[87.248% / 298 bp]     INT/OPT.Score : <    430/    833 >

   1’                                                         GGCCTAACT
                                                                      *
   1″ AAAAAGAGAA TACGTTTTTT CGGTACGCAG AGGCCTTCTC AATATCGCGG TCCAATCTTT

  10’ GGCCGGTACC TGAG-CTCGC TAGCCTC--G AGGATGGGAA ATATG-CGT- CT-CTGGATG
      **** *.***   ** * *    ** ***    ********** ***** ***  ** *******
  61″ GGCCTGNACC GCAGTCGCAT CAGACTCAGC AGGATGGGAA ATATGCCGTG CTNCTGGATG

  64’ GCCAGTGA-- CTCG---CAG CCCCCTT-CC CCGA-TAGGA AGGGCCTGCG -CGTCCGGGG
      **  ****    ***   * * ******* ** **** ***** **********  *********
 121″ GCACGTGATC TTCGACACGG CCCCCTTCCC CCGACTAGGA AGGGCCTGCG ACGTCCGGGG

 116’ ACCCTTCGCT TCCCCTTCTG CTGCGCGACC TCCCTGGCCC CTCGGAGAT- -CTCCATGGC
      ********** ********** ********** ********** *********    *******.
 181″ ACCCTTCGCT TCCCCTTCTG CTGCGCGACC TCCCTGGCCC CTCGGAGATA CTTCCATGGN

 174’ GACGCCGCGC GCGCCCCACA ACAGGAAAGC CTTAGGCGGC GCGGCTTGGT GCTCGGAGAC
      ********** ********** ********** ******.*** ********** **********
 241″ GACGCCGCGC GCGCCCCACA ACAGGAAAGC CTTAGGNGGC GCGGCTTGGT GCTCGGAGAC
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    234' TTAAGAGTAC CCAGCCTCGA CGTGGTGGAT GTCGAG-TCT TGGGGTC-AC ACGCACAGGC
         ********** ********** ********** ****** *** ******* ** *   ***
    301" TTAAGAGTAC CCAGCCTCGA CGTGGTGGAT GTCGAGTTCT TGGGGTCAAC AACGACAACA

    292' GGTGGCCAAG CAAACACCCG CTCATATTTA GTGCATGAGC CTGGGTTCGA GTTGCCGGAG

    361" AGGACGGGTG GGGCCAAAGA CAAAAAACAN CCCCCGGCCT TCAT




1st Nucleotide Sequence
  File Name        : Reference Seq.gnu
  Sequence Size    : 5569

2nd Nucleotide Sequence
  File Name        : RDB7390R.fasta (Complementary)
  Sequence Size    : 414

  Unit Size to Compare = 1
  Pick up Location     = 1



[79.758% / 331 bp]     INT/OPT.Score : <     96/    562 >

   1081' GGCCGGGAGC AGCCCCCGGG GTCATCGCCC TGCCACCGCC GCCCGATTGC TTTAGCTTGG

      1"             CCCCTGTCC ACCGCCCGTC CCGAATTGCT TTTAGTCTTT GGAAATTTCC

   1141' AAATTCCGGA GCTGAAGCGG CCAGCGAGGG AGG-ATGACC C-TCTCGG-C CCGGG-CACC
                                    **  *** ** *** * ****** * ***** ****
     50" GGTAGTCTTT AAGCGGTCCA GTCGTAGGGT AGGAATAACC CTTCTCGGTC CCGGGTCACC

   1197' CTG-TCA-GT CCGGAAATAA CTGCAG-CAT TTGTTCCGGA GGGG-AAGG- CGCGAGG-TT
         *** *** ** ********** ****** *** ******** * **** ****  * ***** **
    110" CTGTTCAGGT CCGGAAATAA CTGCAGTCAT TTGTTCCGTA GGGGTAAGGT CTCGAGGTTT
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1251’ TCCGGG--AA AGCAG-CACC -GCCCCTTGG --CCCCCA-G GTGGCTAG-C G-CTA-TAAA
      ******  ** ***** ****   ********   ****** * *** **** * * *** ****
 170″ TCCGGGTAAA AGCAGTCACC TCCCCCTTGG TCCCCCCAGG GTGTCTAGTC GTCTATTAAA

1301’ GGATCACG-C G-CCCCAG-T CG-ACG--CT GAG--CTCCT CTG-CTACTC A-GAG-TTG-
      ******** * * ****** * ** ***   * ***   **** *** ****** * *** ***
 230″ GGATCACGTC GTCCCCAGTT CGAACGTCTT GAGTCTTCCT CTGTCTACTC AGGAGTTTGC

1349’ CAACCTCAG- -CCTCG-CTA TGGATCAAGA TCTGG-CCTC GGCGGCCAAG --CTTGGCAA
      *********     *** *** ********** ***** **** **********    *******
 290″ CAACCTCAGT CAATCGTCTA TGGATCAAGA TCTGGTCCTC GGCGGCCAAG TCTTTGGCAA

1403’ TCCGGTACTG TTGGT----A AAGCCACCAT GGAAG--ATG CCAAAAACAT TAAGAAGGGC
      ********** *****    * ** *  ***  * ***   * ********   **   ***
 350″ TCCGGTACTG TTGGTAACAA AAACACCCAG GTAAGTAGTT CCAAAAACCA TATAGAGGAG

1457’ CCAGCGCCAT TCTACCCACT CGAAGACGGG ACCGCCGGCG AGCAGCTGCA CAAAGCCATG

 410″ AATCA
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