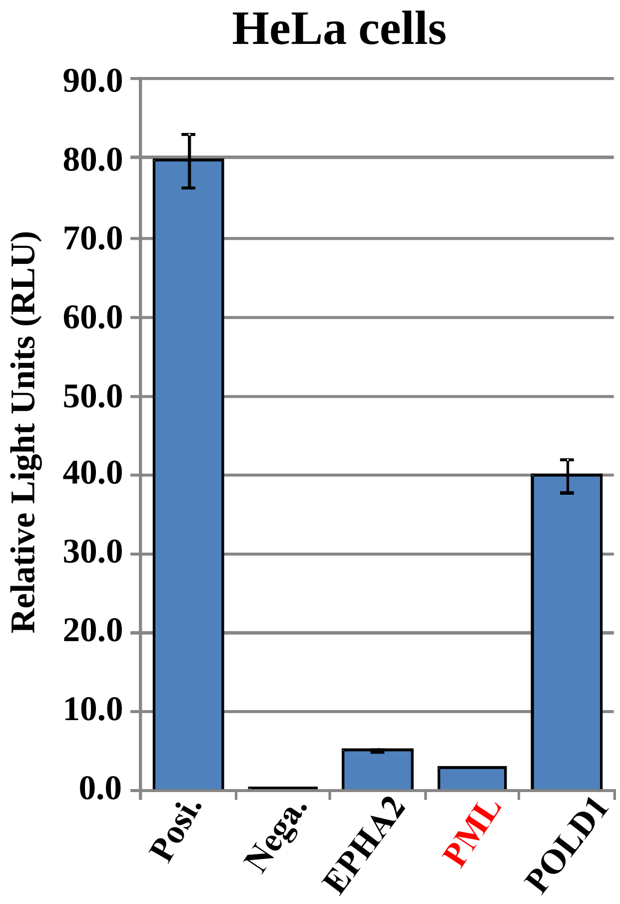
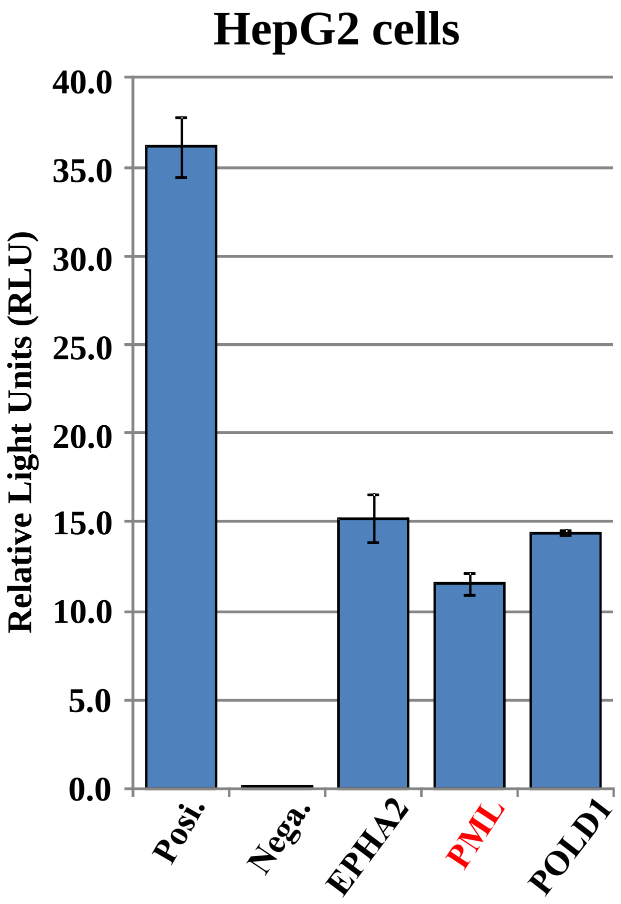
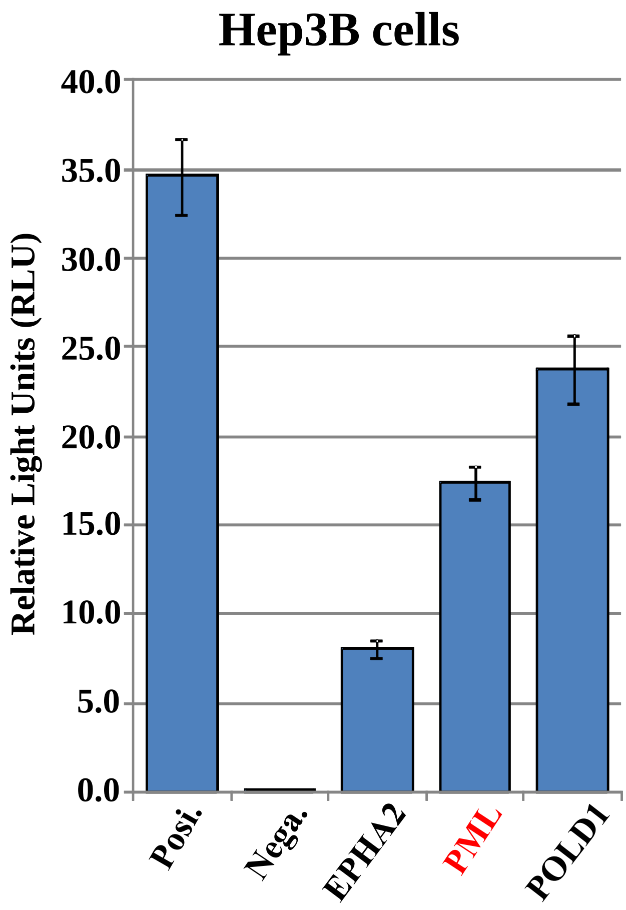

HeLa cells


HepG2 cells


Hep3B cells

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

EPHA2: pGL4-phEPHA2 (RDB# 7342)
PML: pGL4-phPML (RDB# 7343)
POLD1: pGL4-phPOLD1 (RDB# 7344)

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.gnu
  Sequence Size    : 5547

2nd Nucleotide Sequence
  File Name        : RDB7343F.fasta
  Sequence Size    : 502

  Unit Size to Compare = 1
  Pick up Location     = 1



[95.148% / 474 bp]     INT/OPT.Score : <   1150/  1642 >

      1'                               GG CCTAACTGGC CGGTACCTGA GCTCGCTAGC
                                       ** ********** ********** **********
      1″ AGTTGCAGGT GCCAGAACAT TATACTCTGG CCTAACTGGC CGGTACCTGA GCTCGCTAGC

     33' CTCGAGGATA TCCTGCCATA GCCCACTTCC AGGTCCCTTG TGCAGATGGC TGCCCACCAT
         ********** ********** ********** ********** ********** **********
     61″ CTCGAGGATA TCCTGCCATA GCCCACTTCC AGGTCCCTTG TGCAGATGGC TGCCCACCAT

     93' ATTTGGCTTT CATGGACTGA TTCTCTAAAG GCCTGGGAGT ACTGACCAGG CTGGAGGGAA
         ********** ********** ********** ********** ********** **********
    121″ ATTTGGCTTT CATGGACTGA TTCTCTAAAG GCCTGGGAGT ACTGACCAGG CTGGAGGGAA

    153' GGGCAGGCTC CTGAGGCCTT ACAGTCCCTA GGAAGTTGCG TATCTGCCCA ACCCCTGCTC
         ********** ********** ********** ********** ********** **********
    181″ GGGCAGGCTC CTGAGGCCTT ACAGTCCCTA GGAAGTTGCG TATCTGCCCA ACCCCTGCTC

    213' TCCACCCTGC AGACTGTAAG GTTTACAAGA GCCAGGCCCT ATCATCATCC TTTCTAGTCT
         **** ***** ********** ********** ********** ********** **********
    241″ TCCATCCTGC AGACTGTAAG GTTTACAAGA GCCAGGCCCT ATCATCATCC TTTCTAGTCT
```

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    273' GTTTCTAAGT TGGAAC-AGA GTACGGAATG GGTACACAGG AGCCAGCACA GTGGTTGCGA
         ********** ****** *** ********** ********** ********** **********
    301″ GTTTCTAAGT TGGAACAAGA GTACGGAATG GGTACACAGG AGCCAGCACA GTGGTTGCGA

    332' -TGGTTTAAG TTTGAAGCCG GGGCGCTGAC CCAGTGAGGT CACCTGGAAC TGTGCCCC-T
          ********* ********** ********** ********** ********** ******** *
    361″ TTGGTTTAAG TTTGAAGCCG GGGCGCTGAC CCAGTGAGGT CACCTGGAAC TGTGCCCCTT

    390' TTCCCCTTAC CAGCTGGG-A GTCTG-ACAT GC--TTTTCC A--TTGGCG- -AAG-ACCT-
         ********** ******** * ***** **** **  *** ** *  * ****   *** ****
    421″ TTCCCCTTAC CAGCTGGGAA GTCTGAACAT GCTTTTTCCC ATTTGGGCGA AAAGAACCTA

    440' AG-CTGGCTC TCCCCTCACC CTCTTCATAC CCGCTCTCCA GCTCTCCCCC TCCCTCCTGC
         ** ****  * *** * * **  *
    481″ AGCCTGGGCC TCCTCCCCCC TT




1st Nucleotide Sequence
  File Name        : Reference Seq.gnu
  Sequence Size    : 5547

2nd Nucleotide Sequence
  File Name        : RDB7343R.fasta (Complementary)
  Sequence Size    : 524

  Unit Size to Compare = 1
  Pick up Location     = 1



[96.935% / 522 bp]     INT/OPT.Score : <   1368/  1852 >

    901' TACAACCCTA AATCCCTGGT GAATTTCCAC -TGC-TTTTG CA-GGT-CCC AGCTGTGGGC
                                  ** ****  *** ***** ** *** *** **********
      1″                           TTTTCCCAC TTGCTTTTTG CAGGGTCCCC AGCTGTGGGC
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 957’ TCTCCTTTCC -AGAATGTCT CCG-TTTGCA GGCTTGCTCT T-CCATTACA -TC-TACGGC
      **********  ********* *** ****** ********** * ********  ** ******
  40″ TCTCCTTTCC AAGAATGTCT CCGTTTTGCA GGCTTGCTCT TCCCATTACA TTCTTACGGC

1012’ TCTTAGAAAG CA-GGGGCTG C-GTGT-GGC TCATCTTTGT ACGCCCAGCT CCCGGCAGGA
      ********** ** ******* * **** *** ********** ********** **********
 100″ TCTTAGAAAG CAGGGGGCTG CGGTGTGGGC TCATCTTTGT ACGCCCAGCT CCCGGCAGGA

1069’ CGTGGCAC-G AAGCAGTGCC AGTGTGAACG GATGAATGGA TCAAAGCCGG GAGCAGGGCT
      ******** * ********** ********** ********** ********** **********
 160″ CGTGGCACGG AAGCAGTGCC AGTGTGAACG GATGAATGGA TCAAAGCCGG GAGCAGGGCT

1128’ GCCCCCCTGC AGCTCTGCCC TACCTCTCCC GCTTTACCGT AAGTCAGCGG TAGGTCTGCA
      ********** ********** ********** ********** ********** **********
 220″ GCCCCCCTGC AGCTCTGCCC TACCTCTCCC GCTTTACCGT AAGTCAGCGG TAGGTCTGCA

1188’ GCTCTCCGCC TCTACCTCCT CCCCGCTCTG GGCGTGTCTT TAAAACCCAC AGTCGGCCTC
      ********** ********** ********** ********** ********** **********
 280″ GCTCTCCGCC TCTACCTCCT CCCCGCTCTG GGCGTGTCTT TAAAACCCAC AGTCGGCCTC

1248’ TCTGCCCCCT AGAACCGCCC CCAGCTTCTG TCTCACTTCC TCTCCAGAGG CGGGCCCTGA
      ********** ********** ********** ********** ********** **********
 340″ TCTGCCCCCT AGAACCGCCC CCAGCTTCTG TCTCACTTCC TCTCCAGAGG CGGGCCCTGA

1308’ GCCGGCACCT CCCCTTTCGG ACAGCTCAAG GGACTCAGCA TCAAGATCTG GCCTCGGCGG
      ********** ********** ********** ********** ********** **********
 400″ GCCGGCACCT CCCCTTTCGG ACAGCTCAAG GGACTCAGCA TCAAGATCTG GCCTCGGCGG

1368’ CCAAGCTTGG CAATCCGGTA CTGTTGGTAA AGCCACCATG GAAGATG-CC AAAAACATTA
      ********** ********** ********** ********** ******* ** ******* **
 460″ CCAAGCTTGG CAATCCGGTA CTGTTGGTAA AGCCACCATG GAAGATGTCC AAAAACACTA

1427’ AGAAGGGCCC AGCGCCATTC TACCCACTCG AAGACGGGAC CGCCGGCGAG CAGCTGCACA
      *****
 520″ AGAAG
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