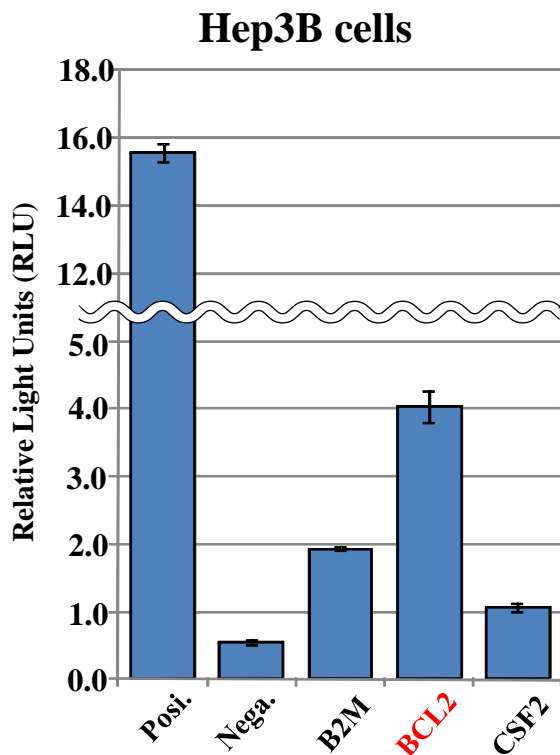
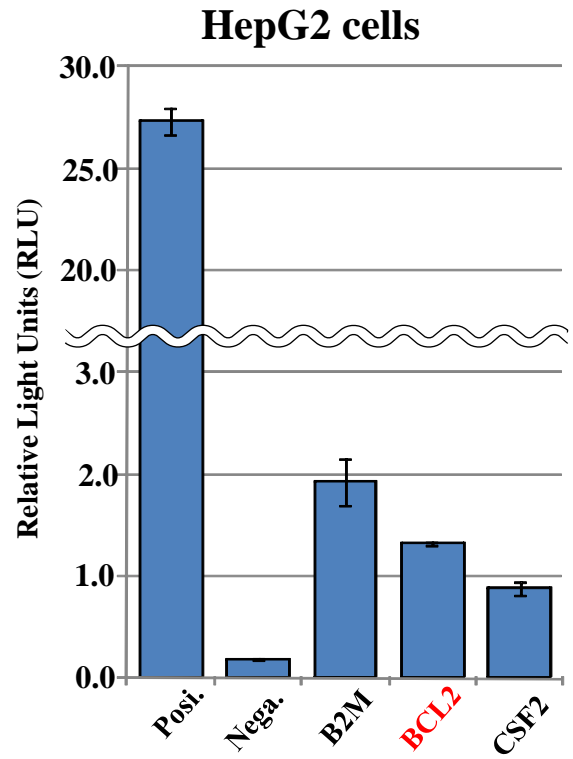
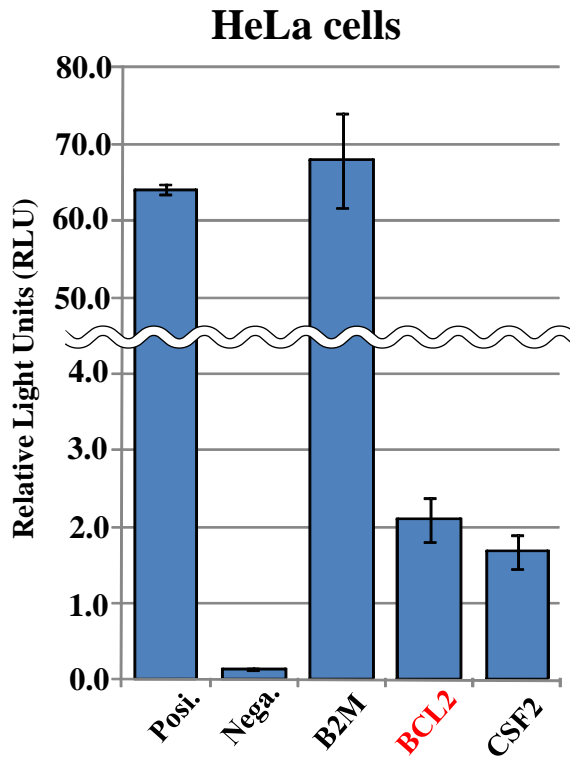


# The Promoter Activities of Reporter Constructs



Posi.: pGL3 Control Vector  
(SV40 promoter)

Nega.: Empty Vector

B2M: pGL4-phB2M (RDB# 7479)

**BCL2**: pGL4-phBCL2 (RDB# 7567)

CSF2: pGL4-phCSF2 (RDB# 7482)

[ GENETYX : Nucleotide Sequence Homology Data ]

Date : 2010.01.20

1st Nucleotide Sequence

File Name : Reference Seq (BCL2)-insert  
Sequence Size : 1347

2nd Nucleotide Sequence

File Name : RDB7567F.fasta  
Sequence Size : 455

Unit Size to Compare : 6

Percent Similarity : 96.5

Percent Identity : 95.2

```
1' ACTCACACGG CCAGAAAGGG TCCAGGCGGT TCCGCGCGCT TTTCCAGCCC TTGTTTTCAT
*****
57'' ACTCACACGG CCAGAAAGGG TCCAGGCGGT TCCGCGCGCT TTTCCAGCCC TTGTTTTCAT

61' GGCGCACCCCT CCCGCCAGCC GCCCCCCTCC GCACTCCGTC GTCCGCCCGG CCCGGCCGG
*****
117'' GGCGCACCCCT CCCGCCAGCC GCCCCCCTCC GCACTCCGTC GTCCGCCCGG CCCGGCCGG

121' TCGGTTCCC CGGGAGCCC CACCCGTCG CGGACCCAG CGACCACAA GTCCGCACGC
*****
177'' TCGGTTCCC CGGGAGCCC CACCCGTCG CGGACCCAG CGACCACAA GTCCGCACGC

181' GGCCTGCCGC AGGCCTGAGC AGAAGGCCCC GCGCACACCC ACCGCGCCGC GGCCGCGCG
*****
237'' GGCCTGCCGC AGGCCTGAGC AGAAGGCCCC GCGCACACCC ACCGCGCCGC GGCCGCGCG

241' GAGGCTGTG CCGCCCGCGC CACCCACTGG CCGGGCCCG CGGGCGCAG- CGGAGCGGGC
*****
297'' GAGGCTGTG CCGCCCGCGC CACCCACTGG CCGGGCCCG CGGGCGCAGC CGGAGCGGGC
```



300' GGGTGG-CCG GCCCGGACGC GCCC--TCCC CGGCCGCGGC CCCGCGCGCC ATGTGCCCC  
 \*\*\*\*\* \*\* \*\*\*\*\* \*\* \*\* \*\*\*\*\* \*\* \* \*\*\*\*\*  
 357" GGGTGGCCCG GCCCGGACGC CCCCTCCCC CGGCCGCGGC CCCGTGCCGC CTGTGCCCC  
  
 357' GGCGGGACGC GCCACTCCCG GGCCTGCCGC GGCCTTTA AC  
 \*\* \*\*\*\*\* \* \*\* . \*\*\*\* \*\*\*\*\* \* \* . \* . \*  
 417" GGGGGAC-C GCC-NTCCC- GGCCTGCNGG GNCNTTCTNG GG

1st Nucleotide Sequence

File Name : Reference Seq (BCL2)-insert  
 Sequence Size : 1347

2nd Nucleotide Sequence

File Name : RDB7567R.fasta (Complementary)  
 Sequence Size : 534

Unit Size to Compare : 6

Percent Similarity : 99.3  
 Percent Identity : 98.7

895' AAAATAAAC CCTCCCCAC CACCTCCTTC TCCCACCCC TGC CGCACC ACACACAGCG  
 \* . \* \* \* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\*  
 534" CANGNANACC CCTCCCCAC CACCTCCTTC TCCCACCCC TGC CGCACC ACACACAGCG  
  
 955' CGGGCTTCTA GCGCTCGGCA CCGGCGGGCC AGGCGGTCC TGCCTTATT TATCCAGCAG  
 \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\*  
 474" CGGGCTTCTA GCGCTCGGCA CCGGCGGGCC AGGCGGTCC TGCCTTATT TATCCAGCAG  
  
 1015' CTTTTCGGAA AATGCATTG CTGTTGCGAG TTAATCAGA AGAGGATTCC TGCCTCGTC  
 \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\*  
 414" CTTTTCGGAA AATGCATTG CTGTTGCGAG TTAATCAGA AGAGGATTCC TGCCTCGTC



1075' CCCGGCTCCT TCATCGTCCC CTCTCCCCTG TCTCTCTCCT GGGGAGGCGT GAAGCGGTCC  
 \*\*\*\*\*  
 354" CCCGGCTCCT TCATCGTCCC CTCTCCCCTG TCTCTCTCCT GGGGAGGCGT GAAGCGGTCC  
  
 1135' CGTGGATAGA GATTCATGCC TGTGCCCGCG CGTGTGTGCG CGCGTGTAAT TTGCCGAGAA  
 \*\*\*\*\*  
 294" CGTGGATAGA GATTCATGCC TGTGCCCGCG CGTGTGTGCG CGCGTGTAAT TTGCCGAGAA  
  
 1195' GGGGAAAACA TCACAGGACT TCTGCGAATA CCGGACTGAA AATTGTAATT CATCTGCCGC  
 \*\*\*\*\*  
 234" GGGGAAAACA TCACAGGACT TCTGCGAATA CCGGACTGAA AATTGTAATT CATCTGCCGC  
  
 1255' CGCCGCTGCC TTTTTTTTTT CTCGAGCTCT TGAGATCTCC GGTTGGGATT CCTGCGGATT  
 \*\*\*\*\*  
 174" CGCCGCTGCC TTTTTTTTTT CTCGAGCTCT TGAGATCTCC GGTTGGGATT CCTGCGGATT  
  
 1315' GACATTTCTG TGAAGCAGAA GTCTGGGAAT CGA  
 \*\*\*\*\*  
 114" GACATTTCTG TGAAGCAGAA GTCTGGGAAT CGA