



Posi.: pGL3 Control Vector  
(SV40 promoter)

Nega.: Empty Vector

**CXCL12**: pGL4-phCXCL12 (RDB# 7687)

AR: pGL4-phAR(RDB# 7690)

NR3C1: pGL4-phNR3C1 (RDB# 7689)

[ GENETYX : Nucleotide Sequence Homology Data ]

Date : 2010.01.19

1st Nucleotide Sequence

File Name : Reference Seq. GNU  
Sequence Size : 5712

2nd Nucleotide Sequence

File Name : RDB7687F.fasta (Complementary)  
Sequence Size : 565

Unit Size to Compare = 1

Pick up Location = 1

[99.645% / 563 bp] INT/OPT. Score : < 1892/ 2220 >

```
1021' CCTTGGGCCG CCACCGCCAG CAGGCCCTCC GCCCGGGACT AACTTGTTTG C-TTTTCATT
          *****
1''      GGGCCAG CAGGCCCTCC GCCCGGGACT AACTTGTTTG CTTTTTCATT

1080' GGTTCTCATT CAGTCCCGC CATCGAAAGG CCCCGTCCCG CAGC-TTTCC ACGCGGCC
          *****
48''    GGTTCTCATT CAGTCCCGC CATCGAAAGG CCCCGTCCCG CAGCTTTTCC ACGCGGCC

1139' CACTTACGC CTAAGTCCT CAGTCTCTCC AGTGGGGCCC TGTCACAGG ACAATAAGCG
          *****
108''   CACTTACGC CTAAGTCCT CAGTCTCTCC AGTGGGGCCC TGTCACAGG ACAATAAGCG

1199' GCCCTCCAGC CGGCGTCGCT CAGGCTGCGG ACCTCACTGC AGACCGGCC AGCGGTGCGG
          *****
168''   GCCCTCCAGC CGGCGTCGCT CAGGCTGCGG ACCTCACTGC AGACCGGCC AGCGGTGCGG
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1259' GGCCAGCGG AGCCTGAGAA GGTCAAAGGC CGGAGCGCAC TCGCCTCGG GAGCACAGAG
*****
228" GGCCAGCGG AGCCTGAGAA GGTCAAAGGC CGGAGCGCAC TCGCCTCGG GAGCACAGAG

1319' GGAGCGGAGG AGGGGCGAAG GGGATGGGTG GGGGTGCCG CCGAGGGAGT CGCGCGTCAG
*****
288" GGAGCGGAGG AGGGGCGAAG GGGATGGGTG GGGGTGCCG CCGAGGGAGT CGCGCGTCAG

1379' AGACCCCGGC CACGGCCAGC ACTCGGCTCC GGGCCCGCCC CTCACCGCGC GCCCGCCCC
*****
348" AGACCCCGGC CACGGCCAGC ACTCGGCTCC GGGCCCGCCC CTCACCGCGC GCCCGCCCC

1439' GCCCGCCTG GCTCTCCCT CTAAAGCGCC CGGCGCGGC CTCCACCGC CGCACTTTCA
*****
408" GCCCGCCTG GCTCTCCCT CTAAAGCGCC CGGCGCGGC CTCCACCGC CGCACTTTCA

1499' CTCTCCGTC GCCATCAAGA TCTGGCCTCG GCGGCAAGC TTGGCAATCC GGTACTGTTG
*****
468" CTCTCCGTC GCCATCAAGA TCTGGCCTCG GCGGCAAGC TTGGCAATCC GGTACTGTTG

1559' GTAAAGCCAC CATGGAAGAT GCCAAAAACA TTAAGAAGG CCCAGCGCCA TTCTACCCAC
*****
528" GTAAAGCCAC CATGGAAGAT GCCAAAAACA TTAAGAAG

```

1st Nucleotide Sequence

File Name : Reference Seq. GNU  
Sequence Size : 5712

2nd Nucleotide Sequence

File Name : RDB7687R. fasta  
Sequence Size : 722

Unit Size to Compare = 1  
Pick up Location = 1



[98.547% / 688 bp] INT/OPT. Score : < 1640/ 2658 >

```
1' GGCCTAAC TGGCCGGTAC CTGAGCTCGC
*****
1" AGNTGCAAGT GCAGGTGCCA GAACATTTCT CTGGCCTAAC TGGCCGGTAC CTGAGCTCGC

29' TAGCCTCGAG GATGTGGG-- -----TGGG TGGATGGATG GATGGATGGA TGGAGTGCCG
*****
61" TAGCCTCGAG GATGTGGGTG GATGGATGGA TGGATGGATG GATGGATGGA TGGAGTGCCG

81' GCCCAGCC ATCTAACGGC CAAAGTGGT TTGAAAAA AATGCACAGA AGACACCTAC
*****
121" GCCCAGCC ATCTAACGGC CAAAGTGGT TTGAAAAA AATGCACAGA AGACACCTAC

141' TCCACCAGC GGAGTCCGG AGCCCTCGCA GCCTCCTGTT GACCGCTCCC GCCTAATGCA
*****
181" TCCACCAGC GGAGTCCGG AGCCCTCGCA GCCTCCTGTT GACCGCTCCC GCCTAATGCA

201' GCCGCTGACC GCCCACTCCC CGACGGCCAG GACTCCCCAG GGACAGGGAC GTGTCCCAG
*****
241" GCCGCTGACC GCCCACTCCC CGACGGCCAG GACTCCCCAG GGACAGGGAC GTGTCCCAG

261' GGCAGGCCCC TGG-ATGGAC GCGGCGACTG ACCCACTTC GCTGGACGCT GTGCTGGGAA
*****
301" GGCAGGCCCC TGAATGGAC GCGGCGACTG ACCCACTTC GCTGGACGCT GTGCTGGGAA

320' GGACACAGAG AGGTGGCTGG GGCAGCCTGC GGTCAAAAG CGAGGCCAA AGGGGCGCTC
*****
361" GGACACAGAG AGGTGGCTGG GGCAGCCTGC GGTCAAAAG CGAGGCCAA AGGGGCGCTC

380' TCCTACCCC CACGTCTCCT GGGTGCCGAC CTGCACCCTC CCTTCGCCAC CGGACTGGGG
*****
421" TCCTACCCC CACGCTCCT GGGTGCCGAC CTGCACCCTC CCTTCGCCAC CGGACTGGGG

440' CCATCTGGGA TGTCTGGGG GTATCCGGAG GGCTAAGCAC CGCCGAGGA CGGCTCCGTG
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\*\*\*\*\*  
481" CCATCTGGGA TGTCTCGGGG GTATCCGGAG GGCTAAGCAC CGCCGAGGGA CGGCTCCGTG  
  
500' GGAAGAGTTT TCTGGACCCA GAAGGCAGAC GCCAGTAGTA CTGTCCTAGG AGTCGGAGGT  
\*\*\*\*\*  
541" GGAAGAGTTT TCTGGACCCA GAAGGCAGAC GCCAGTAGTA CTGTCCTAGG AGTCGGAGGT  
  
560' CGGGGTGGGG GAGTTCTCAG CTCTTTGGGT CGCACGGAGC TTTTCTTGGG TAAGGCAGTA  
\*\*\*\*\*  
601" CGGGGTGGGG GAGTTCTCAG CTCTTTGGGT CGCACGGAGC TTTTCTTGGG TAAGGCAGTA  
  
620' AGTACTTAGG TTAAAGGAC TTAATTACAG CTACCATTTA TTGAGTACTG TCTGCTTGTC  
\*\*\*\*\*  
661" AGTACTTAGG TTAAAGGAC TTAATTACAG CTACCATTTA TTGAGTACTG TCTGCTTGTC  
  
680' AGACACGATG CAGAGAATTT CGCGGCGTGG GCGGGTCTC ATTGAATCTC CCGTCCCACT  
  
721" CC