Figures

Fig. 1

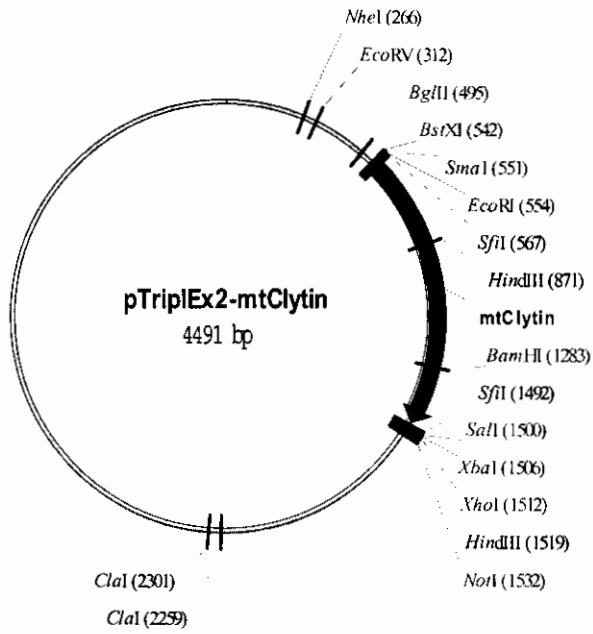


Fig. 2

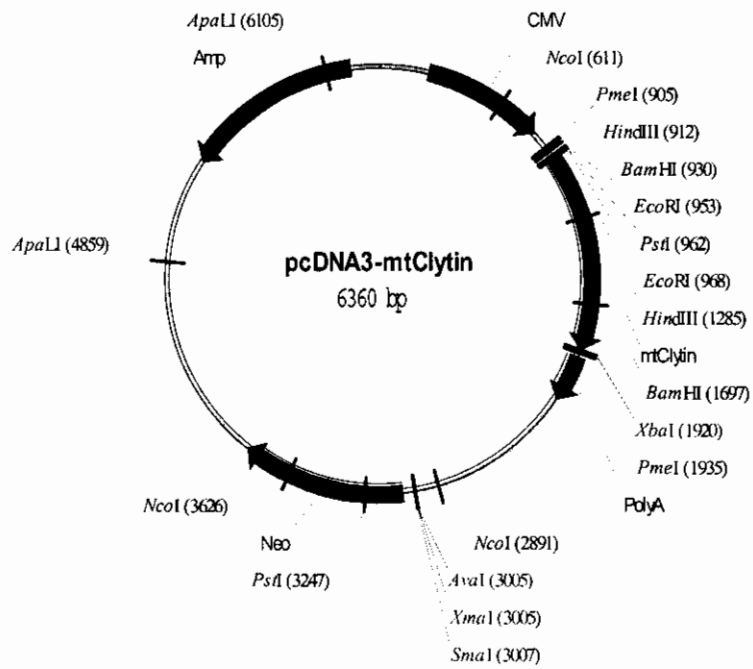

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EcoRI (968)
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BamHI (1697)
XbaI (1920)
PmeI (1935)
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ApaLI (4859)
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Fig. 3

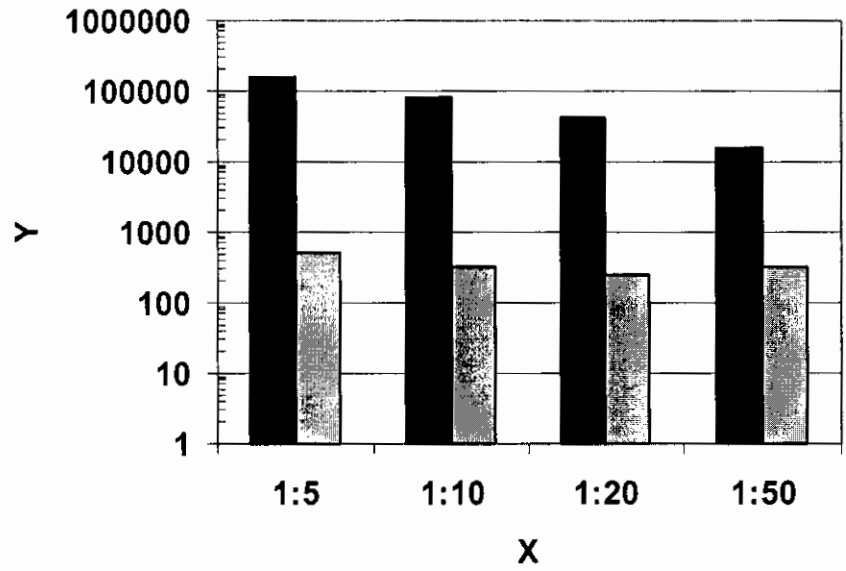


Fig. 4

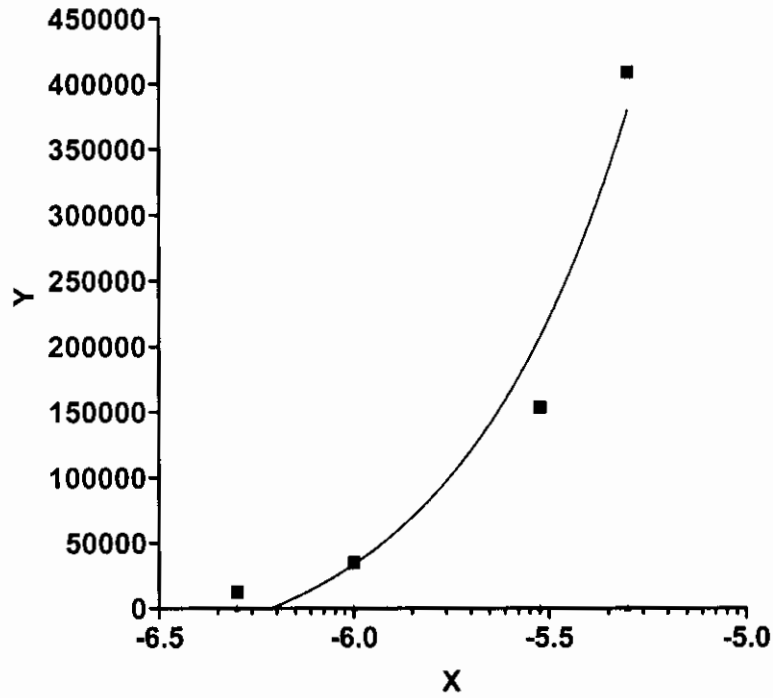

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Fig. 5

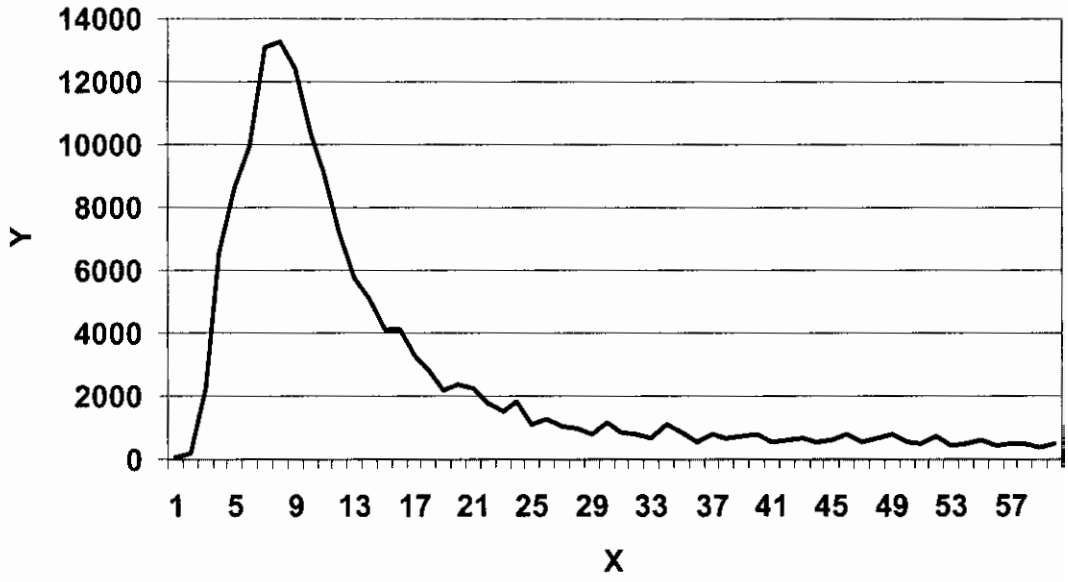

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Fig. 6

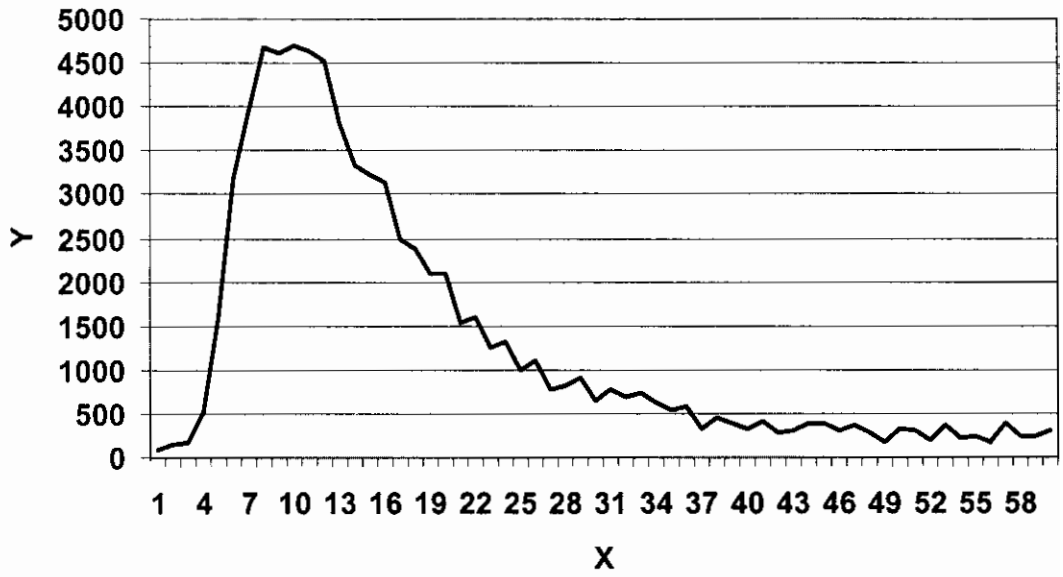

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Fig. 7

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Clytin     .......... .......... .......... .......... ..........
mtClytin   GACAGATAAA AAATTCACTC CTTAGATTAT TTAGTGAATA AGAGAAAAAA

           51                                                  100
Clytin     .......... .......... .......... .......... ..........
mtClytin   AGGATAAGAA ATCAAGATGC AAAGGTTTAC AAATCGTCTT CTTTCCATGT

           101                                                 150
Clytin     .......... ......ATCA ACTTTTGCAA CTCAAAGCAA ATTTCAAAAC
mtClytin   CGGCTTTACG TGCAAGATCA AGATT.GCAA CGCACGGCAA ATTTTCACAC

           151                                                 200
Clytin     TTCAACATGG CTGAC.ACTG CATCAAAATA CGCCGTCAAA CTCAGACCCA
mtClytin   CAGCATACTC TTGGCTACAG ATTCAAAATA CGCGGTCAAA CTCGATCCTG

           201                                                 250
Clytin     ACTTCGACAA CCCAAAATGG GTCAACAGAC ACAAATTTAT GTTCAACTTT
mtClytin   ATTTTGCAAA TCCAAAATGG ATCAACAGAC ACAAATTTAT GTTCAACTTT

           251                                                 300
Clytin     TTGGACATTA ACGGCGACGG AAAAATCACT TTGGATGAAA TCGTCTCCAA
mtClytin   TTGGACATAA ACGGTAAGGG GAAAATCACA TTAGATGAAA TCGTCTCCAA

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Clytin     AGCTTCGGAT GACATTTGCG CCAAACTTGG AGCAACACCA GAACAGACCA
mtClytin   AGCTTCAGAC GACATTTGTG CTAAACTGGA TGCAACACCA GAACAGACCA

           351                                                 400
Clytin     AACGTCACCA GGATGCTGTC GAAGCTTTCT TCAAAAAGAT TGGTATGGAT
mtClytin   AACGTCACCA GGATGCTGTT GAAGCCTTTT TCAAGAAAAT GGGCATGGAT

           401                                                 450
Clytin     TATGGTAAAG AAGTCGAATT CCCAGCTTTT GTTGATGGAT GGAAAGAACT
mtClytin   TATGGTAAAG AAGTTGCATT CCCAGAATTT ATTAAGGGAT GGGAAGAGTT

           451                                                 500
Clytin     GGCCAATTAT GACTTGAAAC TTTGGTCTCA AAACAAGAAA TCTTTGATCC
mtClytin   GGCCGAACAC GACTTGGAAC TCTGGTCTCA AAACAAAAGT ACATTGATCC

           501                                                 550
Clytin     GCGACTGGGG AGAAGCTGTT TTCGACATTT TTGACAAAGA CGGAAGTGGC
mtClytin   GTGAATGGGG AGATGCTGTT TTCGACATTT TCGACAAAGA CGCAAGTGGC
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Clytin    TCAATCAGTT TGGACGAATG GAAGGCTTAT GGACGAATCT CTGGAATCTG
mtClytin  TCAATCAGTT TAGACGAATG GAAGGCTTAC GGACGAATCT CTGGAATCTG

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Clytin    CTCATCAGAC GAAGACGCCG AAAAGACCTT CAAACATTGC GATTTGGACA
mtClytin  TCCATCAGAC GAAGACGCTG AGAAGACGTT CAAACATTGT GATTTGGACA

          651                                                   700
Clytin    ACAGTGGCAA ACTTGATGTT GATGAGATGA CCAGACAACA TTTGGGATTC
mtClytin  ACAGTGGCAA ACTTGATGTT GATGAGATGA CCAGGCAACA TTTAGGCTTC

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Clytin    TGGTACACCT TGGACCCCAA CGCTGATGGT CTTTACGGCA ATTTTGTTCC
mtClytin  TGGTACACAT TGGATCCAAC TTCTGATGGT CTTTATGGCA ATTTTGTTCC

          751                                                   800
Clytin    TTAAACATCG ...AAACAAA AGCCCAAAAG AAGTTTTGGA AGAATTATTT
mtClytin  CTAAGAAGCG TTCAGTTAAA AACGCTAAAC ATTGTTCAGT TGTAAAATTA

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Clytin    GATAC..TAT CATTTG.... ..TTACTATT TCGTAACATG CT..ATATTT
mtClytin  TATTCATTTT CATTTCGTAA AATTAGTATT TATAAATTTG TATCATAAAT

          851                                                   900
Clytin    TGTAAC.ATG CTATATT.TA AATAATTTT. .......... ..........
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          901           913
Clytin    .......... ...
mtClytin  AAAAAAAAAA AAA
```

Fig. 8

```
          1                                                  50
mtClytin  MQRFTNRLLS MSALRARSRL QRTANFHTSI LLATDSKYAV KLDPDFANPK
Clytin    .......... .......... .......... MADTASKYAV KLRPNFDNPK

          51                                                 100
mtCyltin  WINRHKFMFN FLDINGKGKI TLDEIVSKAS DDICAKLDAT PEQTKRHQDA
Clytin    WVNRHKFMFN FLDINGDGKI TLDEIVSKAS DDICAKLGAT PEQTKRHQDA

          101                                                150
Clytin    VEAFFKKMGM DYGKEVAFPE FIKGWEELAE HDLELWSQNK STLIREWGDA
Clytin    VEAFFKKIGM DYGKEVEFPA FVDGWKELAN YDLKLWSQNK KSLIRDWGEA

          151                                                200
Clytin    VFDIFDKDAS GSISLDEWKA YGRISGICPS DEDAEKTFKH CDLDNSGKLD
Clytin    VFDIFDKDGS GSISLDEWKA YGRISGICSS DEDAEKTFKH CDLDNSGKLD

          201                          228
mtClytin  VDEMTRQHLG FWYTLDPTSD GLYGNFVP
Clytin    VDEMTRQHLG FWYTLDPNAD GLYGNFVP
```

Fig. 9

```
1                                                            50
mtClytin  MQRFTNRLLS MSALRARSRL QRTANFHTSI LLATDSKYAV KLDPDFANPK
clytin-2  .......... .......... .......... MTDTASKYAV KLKTNFEDPK
  Clytin  .......... .......... .......... MADTASKYAV KLRPNFDNPK

          51                                                 100
mtClytin  WINRHKFMFN FLDINGKGKI TLDEIVSKAS DDICAKLDAT PEQTKRHQDA
clytin-2  WVNRHKFMFN FLDINGNGKI TLDEIVSKAS DDICAKLGAT PAQTQRHQEA
  Clytin  WVNRHKFMFN FLDINGDGKI TLDEIVSKAS DDICAKLGAT PEQTKRHQDA

          101                                                150
mtClytin  VEAFFKKMGM DYGKEVAFPE FIKGWEELAE HDLELWSQNK STLIREWGDA
clytin-2  VEAFFKKIGL DYGKEVEFPA FVNGWKELAK HDLKLWSQNK KSLIRNWGEA
  Clytin  VEAFFKKIGM DYGKEVEFPA FVDGWKELAN YDLKLWSQNK KSLIRDWGEA

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  Clytin  VFDIFDKDGS GSISLDEWKA YGRISGICSS DEDAEKTFKH CDLDNSGKLD

          201                          228
mtClytin  VDEMTRQHLG FWYTLDPTSD GLYGNFVP
clytin-2  VDEMTRQHLG FWYTLDPNAD GLYGNFVP
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