DNA sequence of insert in pME31.

XbaI

```
   1 AGGCGATTGG GCCCTCTAGA TAATGTGGTG GCGACCTCAG AGTCATCGCA ACAAGCCAAT
  61 GCAATCCGTG AGCACGCAAC GCAAAACCCA GCAGCGCAGA ATGCTCTATC CGATAAAGAG
 121 CGTGCAGAAG CGGATCGCCA ACGTCTTGAA CAAGAAAAGC AGAAACAGCT TGATGCTGTC
 181 GCAGGGTCAC AAAGTCAGTT GGAGTCGACC GACCAACAAG CGCTAGAAAA TAATGGTCAA
 241 GCTCAACGTG ATGCGGTGAA AGAAGAGTCG GAAGCCGTGA CCGCCGAGTT GGCAAAACTG
 301 GCGCAAGGTC TCGATGTGCT TGATGGCCAA GCAACGCATA CTGGCGAGTC CGGCGACCAA
 361 TGGCGCAATG ATTTTGCCGG TGGTCTGCTC GATGGCGTTC AAAGCCAGCT CGACGATGCC
 421 AAGCAACTCG CGAATGACAA GATTGCTGCA GCGAAGCAGA CCCTGTCTGA CAATAACAGC   rtxA homology
 481 AAAGTCAAAG AATCCGTTGC GAAATCTGAA GCGGGTGTGG CACAAGGCGA GCAAAATCGA   upstream of acd
 541 GCGGGAGTAG AGCAAGACAT TGCTGATGCT CAAGCCGATG CTGAAAAACG TAAAGCCGAT
 601 GCTTTAGCAA AAGGTAAGGA TGCACAACAA GCGGAATCTG ATGCACATCA TGCGGTAAAT
 661 AATGCTCAAT CACGCGGCGA TCGTGATGTG CAATTGGCGG AAAACAAAGC CAACCAAGCA
 721 CAAGCCGATG CTCAAGGTGC TAAACAAAAC GAAGGTGATC GTCCTGATCG TCAAGGCGTG
 781 ACTGGTAGTG GCCTTTCGGG TAATGCTCAT AGTGTGGAAG GCGCTGGCGA AACAGACAGT
 841 CATGTCAACA CCGACAGCCA AACCAACGCC GATGGCCGAT TCAGTGAAGG TTTAACCGAA
 901 CAAGAGCAAG AAGCGCTAGA AGGTGCGACC AACGCAGTGA ACCGTTTGCA AATTAACGCA
 961 GGTATTCGAG CGAAAAACAG CGTTAGCAGT ATGACTTCTA TGTTCTCTGA AACAAATAGC
1021 AAGAGCATTG TTGTTCCTAC CAAAGTCTCG CCTGAACCAG AGCGCCAAGA AGTGACTCGT   Cleavage site codons L/S
1081 AGAGACGTCC GTATCTCAGG GGTGAACCTC GAAAGTCTAA GTGCGGTACA GGGAAGTCAA   at 5' border of acd
1141 CCAACCCAGA AACGCTGGAA GAAGGGCGAA TTCGCCCTTC ACCCAGAAAC GCTGGTGAAA   EcoRI
1201 GTAAAAGATG CTGAAGATCA GTTGGGTGCA CGAGTGGGTT ACATCGAACT GGATCTCAAC
1261 AGCGGTAAGA TCCTTGAGAG TTTTCGCCCC GAAGAACGTT TTCCAATGAT GAGCACTTTT
1321 AAAGTTCTGC TATGTGGCGC GGTATTATCC CGTGTTGACG CCGGGCAAGA GCAACTCGGT
1381 CGCCGCATAC ACTATTCTCA GAATGACTTG GTTGAGTACT CACCAGTCAC AGAAAAGCAT
1441 CTTACGGATG GCATGACAGT AAGAGAATTA TGCAGTGCTG CCATAACCAT GAGTGATAAC
1501 ACTGCGGCCA ACTTACTTCT GACAACGATC GGAGGACCGA AGGAGCTAAC CGCTTTTTTG   TEM-1 bla
1561 CACAACATGG GGGATCATGT AACTCGCCTT GATCGTTGGG AACCGGAGCT GAATGAAGCC
1621 ATACCAAACG ACGAGCGTGA CACCACGATG CCTGCAGCAA TGGCAACAAC GTTGCGCAAA
1681 CTATTAACTG GCGAACTACT TACTCTAGCT TCCCGGCAAC AATTAATAGA CTGGATGGAG
1741 GCGGATAAAG TTGCAGGACC ACTTCTGCGC TCGGCCCTTC CGGCTGGCTG GTTTATTGCT
1801 GATAAATCTG GAGCCGGTGA GCGTGGGTCT CGCGGTATCA TTGCAGCACT GGGGCCAGAT
1861 GGTAAGCCCT CCCGTATCGT AGTTATCTAC ACGACGGGGA GTCAGGCAAC TATGGATGAA
1921 CGAAATAGAC AGATCGCTGA GATAGGTGCC TCACTGATTA AGCATTGGGT GGTGGATAGT
1981 AAAGAAGCAT TAGCGGATGG AAAAATACTC CATAATCAAA ATGTTAATAG CTGGGGCCCG   Cleavage site codons L/A
2041 ATTACGGTTA CACCAACGAC AGATGGTGGT GAAACCCGCT TCGACGGTCA AATCATCGTT   at 5' border of cpd
2101 CAAATGGAAA ACGACCCGGT AGTAGCAAAA GCGGCAGCCA ATTTAGCAGG TAAACATGCT
2161 GAAAGCAGTG TGGTGGTGCA GCTCGATTCA GACGGCAACT ATCGCGTGGT GTATGGCGAT
2221 CCGTCAAAAC TGGATGGAAA GCTACGTTGG CAGTTGGTGG GGCATGGTCG CGACCACTCA
2281 GAAACTAACA ATACTCGCTT AAGTGGTTAC AGTGCCGATG AGTTGGCCGT GAAATTGGCC
2341 AAGTTCCAAC AGTCGTTTAA TCAAGCCGAA AACATCAACA ACAAACCGGA TCACATCAGT
2401 ATTGTTGGTT GTTCTTTGGT GAGTGACGAC AAGCAAAAAG GCTTTGGTCA TCAGTTTATT   rtxA homology
2461 AACGCGATGG ATGCGAATGG TCTTCGTGTC GATGTCTCTG TTCGTAGTTC TGAACTGGCC   covering the cpd
2521 GTAGACGAGG CGGGACGTAA GCATACCAAG GACGCGAATG GCGATTGGGT TCAAAAGGCA
2581 GAAAACAACA AAGTTTCGCT AAGCTGGGAC GCGCAAGGTG AAGTTGTTGC CAAGGATGAA
2641 CGTATTCGCA ATGGTATTGC GGAAGGCGAC ATCGATCTCT CTCGTATTGG TGTCAACAAT
2701 GTCGATGAAC CTGCTCGTGG CGCGATCGGT GACAATAATG ACGTGTTTGA TGCGCCAGAA
2761 AAACGCAAAC CAGAAACGGA AGTGATTGCC AATTCTAGCA GCAGTAATCA ATTCAGCTAC
2821 TCAGGTAACA TTCAAGTTAA CGTGGGCGAA GGGGAGTTTA CGGCGGTGAA CTGGGGGACA
2881 TCGAATGTGG GCATTAAAGT CGGTACTGGT GGCTTTAAAT CGCTGGCCTT TGGTGACAAT
2941 AACGTTATGG TTCATATCGG TGACGGTGAA AGCAAACACA GTGTTGATAT CGGTGGCTAT
3001 CAAGCACTGG AAGGTGCGCA AATGTTCCTC GGTAACCGTA ATGTGAGCTT TAATTTCGGA
3061 CACAGTAATG ATCTGATCCT AATGATGGAT AAGTCGATCC CAACTCCACC ACTCGTCAAT
3121 CCATTGAGCT CGGTACCAAG CTTGATGCAT AGCTTGAGTA TCTATAGGCA CC
```

SacI