

## pUC18 Sequence

LOCUS PUC18 2686 bp DNA CIRCULAR SYN 18-MAR-1998

DEFINITION

ACCESSION PUC18

KEYWORDS .

SOURCE Unknown

ORGANISM Unknown

Unclassified

REFERENCE 1 (bases 1 to 2686)

AUTHORS Self

JOURNAL Unpublished

FEATURES Location/Qualifiers

CDS complement (146..469)

/gene="Lac I' OPZ'"

/product="alpha peptide"

CDS complement (1626..2486)

/gene="Apr"

/product="Ampicillin resistance"

BASE COUNT 666 a 677 c 684 g 659 t

ORIGIN

1 TCGCGCGTTT CGGTGATGAC GGTGAAAACC TCTGACACAT GCAGCTCCCG  
GAGACGGTCA

61 CAGCTTGTCT GTAAGCGGAT GCCGGGAGCA GACAAGCCCG TCAGGGCGCG  
TCAGCGGGTG

121 TTGGCGGGTG TCGGGGCTGG CTTAACTATG CGGCATCAGA GCAGATTGTA  
CTGAGAGTGC

181 ACCATATGCG GTGTGAAATA CCGCACAGAT GCGTAAGGAG AAAATACCGC  
ATCAGGCGCC

241 ATTCGCCATT CAGGCTGCGC AACTGTTGGG AAGGGCGATC GGTGCGGGCC  
TCTTCGCTAT

301 TACGCCAGCT GGCGAAAGG GATGTGCTG CAAGGCGATT AAGTTGGGTA  
ACGCCAGGGT

361 TTTCCCAGTC ACGACGTTGT AAAACGACGG CCAGTGCCAA GCTTGCATGC  
CTGCAGGTCG

421 ACTCTAGAGG ATCCCCGGGT ACCGAGCTCG AATTCGTAAT CATGGTCATA  
GCTGTTTCCT

481 GTGTGAAATT GTTATCCGCT CACAATTCCA CACAACATAC GAGCCGGAAG  
CATAAAGTGT

541 AAAGCCTGGG GTGCCTAATG AGTGAGCTAA CTCACATTAA TTGCGTTGCG  
CTCACTGCCC

601 GCTTTCCAGT CGGGAAACCT GTCGTGCCAG CTGCATTAAT GAATCGGCCA  
ACGCGCGGGG

661 AGAGGCGGTT TCGGTATTGG GCGCTCTTCC GCTTCCTCGC TCACTGACTC  
GCTGCGCTCG

721 GTCGTTTCGGC TCGGGCGAGC GGTATCAGCT CACTCAAAGG CGGTAATACG

781 GAATCAGGGG ATAACGCAGG AAAGAACATG TGAGCAAAAG GCCAGCAAAA  
GGCCAGGAAC↓  
841 CGTAAAAGG CCGCGTTGCT GGC GTTTTTTC CATAGGCTCC GCCCCCCTGA  
CGAGCATCAC↓  
901 AAAAATCGAC GCTCAAGTCA GAGGTGGCGA AACCCGACAG GACTATAAAG  
ATACCAGGCG↓  
961 TTTCCCCCTG GAAGCTCCCT CGTGCGCTCT CCTGTTCCGA CCCTGCCGCT  
TACCGGATAC↓  
1021 CTGTCCGCCT TTCTCCCTTC GGAAGCGTG GCGCTTTCTC ATAGCTCACG  
CTGTAGGTAT↓  
1081 CTCAGTTCGG TGTAGGTCGT TCGCTCCAAG CTGGGCTGTG TGCACGAACC  
CCCCGTTAG↓  
1141 CCCGACCGCT GCGCCTTATC CGGTA ACTAT CGTCTTGAGT CCAACCCGGT  
AAGACACGAC↓  
1201 TTATCGCCAC TGGCAGCAGC CACTGGTAAC AGGATTAGCA GAGCGAGGTA  
TG TAGGCGGT↓  
1261 GCTACAGAGT TCTTGAAGTG GTGGCCTAAC TACGGCTACA CTAGAAGGAC  
AGTATTTGGT↓  
1321 ATCTGCGCTC TGCTGAAGCC AGTTACCTTC GGAAAAGAG TTGGTAGCTC  
TTGATCCGGC↓  
1381 AAACAAACCA CCGCTGGTAG CGGTGGTTTT TTTGTTTGCA AGCAGCAGAT  
TACGCGCAGA↓  
1441 AAAAAAGGAT CTCAAGAAGA TCCTTTGATC TTTTCTACGG GGTCTGACGC  
TCAGTGGAAC↓  
1501 GAAAACTCAC GTTAAGGGAT TTTGGTCATG AGATTATCAA AAAGGATCTT  
CACCTAGATC↓  
1561 CTTTTAAATT AAAAATGAAG TTTTAAATCA ATCTAAAGTA TATATGAGTA  
AACTTGGTCT↓  
1621 GACAGTTACC AATGCTTAAT CAGTGAGGCA CCTATCTCAG CGATCTGTCT  
ATTTTCGTTCA↓  
1681 TCCATAGTTG CCTGACTCCC CGTCGTGTAG ATA ACTACGA TACGGGAGGG  
CTTACCATCT↓  
1741 GGCCCCAGTG CTGCAATGAT ACCGCGAGAC CCACGCTCAC CGGCTCCAGA  
TTTATCAGCA↓  
1801 ATAAACCAGC CAGCCGGAAG GGCCGAGCGC AGAAGTGGTC CTGCAACTTT  
ATCCGCCTCC↓  
1861 ATCCAGTCTA TTAATTGTTG CCGGGAAGCT AGAGTAAGTA GTTCGCCAGT  
TAATAGTTTG↓  
1921 CGCAACGTTG TTGCCATTGC TACAGGCATC GTGGTGTCAC GCTCGTCGTT  
TGGTATGGCT↓  
1981 TCATTCAGCT CCGGTTCCCA ACGATCAAGG CGAGTTACAT GATCCCCCAT  
GTTGTGCAAA↓  
2041 AAAGCGGTTA GCTCCTTCGG TCCTCCGATC GTTGT CAGAA GTAAGTTGGC  
CGCAGTGTTA↓  
2101 TCACTCATGG TTATGGCAGC ACTGCATAAT TCTCTTACTG TCATGCCATC  
CGTAAGATGC↓  
2161 TTTTCTGTGA CTGGTGAGTA CTCAACCAAG TCATTCTGAG AATAGTGTAT  
CGGCGCAGCC↓

2221 AGTTGCTCTT GCCCGGCGTC AATACGGGAT AATACCGGCG CACATAGCAG  
AACTTTAAAA↓  
2281 GTGCTCATCA TTGGAAAACG TTCTTCGGGG CGAAAACCTCT CAAGGATCTT  
ACCGCTGTTG↓  
2341 AGATCCAGTT CGATGTAACC CACTCGTGCA CCCAACTGAT CTTCAGCATC  
TTTTACTTTC↓  
2401 ACCAGCGTTT CTGGGTGAGC AAAAACAGGA AGGCAAAATG CCGCAAAAAA  
GGGAATAAGG↓  
2461 GCGACACGGA AATGTTGAAT ACTCATACTC TTCCTTTTTT AATATTATTG  
AAGCATTTAT↓  
2521 CAGGGTTATT GTCTCATGAG CGGATACATA TTTGAATGTA TTTAGAAAAA  
TAAACAAATA↓  
2581 GGGGTTCCGC GCACATTTCC CCGAAAAGTG CCACCTGACG TCTAAGAAAC  
CATTATTATC↓  
2641 ATGACATTAA CCTATAAAAA TAGGCGTATC ACGAGGCCCT TTCGTC↓  
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