

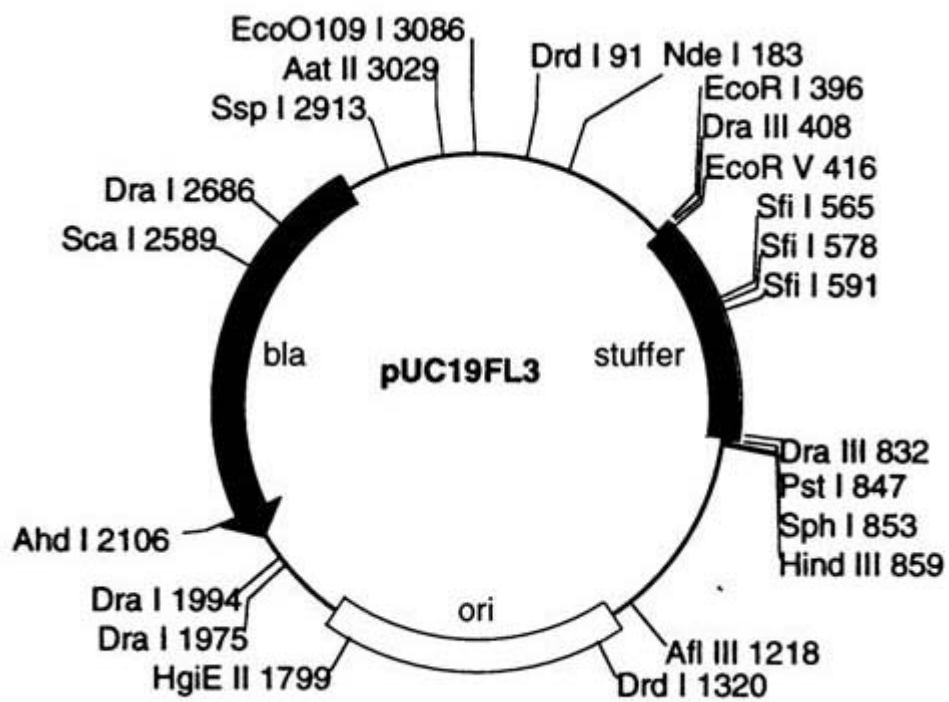
pUC19FL3 (3,098 bp)

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      10      20      30      40      50      60
TCGCGCGTTT CGGTGATGAC GGTGAAAACC TCTGACACAT GCAGCTCCCG GAGACGGTCA
      70      80      90     100     110     120
CAGCTTGTCT GTAAGCGGAT GCCGGGAGCA GACAAGCCCG TCAGGGCGCG TCAGCGGGTG
      130     140     150     160     170     180
TTGGCGGGTG TCGGGGCTGG CTTA ACTATG CGGCATCAGA GCAGATTGTA CTGAGAGTGC
      190     200     210     220     230     240
ACCATATGCG GTGTGAAATA CCGCACAGAT GCGTAAGGAG AAAATACCGC ATCAGGCGCC
      250     260     270     280     290     300
ATTGCCATT CAGGCTGCGC AACTGTTGGG AAGGGCGATC GGTGCGGGCC TCTTCGCTAT
      310     320     330     340     350     360
TACGCCAGCT GGCGAAAGGG GGATGTGCTG CAAGGCGATT AAGTTGGGTA ACGCCAGGGT
      370     380     390     400     410     420
TTTCCCAGTC ACGACGTTGT AAAACGACGG CCAGTGAATT CCTCGAGCAC TGTGTGATAT
      430     440     450     460     470     480
CCATTGTGCT GGC GCGGATT CTTTATCACT GATAAGTTGG TGGACATATT ATGTTTATCA
      490     500     510     520     530     540
GTGATAAAGT GTCAAGCATG ACAAAGTTGC AGCCGAATAC AGTGATCCGT GCCGCCCTGG
      550     560     570     580     590     600
ACCTGTTGAA CGAGGTCGGC GTAGGGCCGC AGCGGCCGGC CGCTGCGGCC GGCCGCAGCG
      610     620     630     640     650     660
GCCAGACGGT CTGACGACAC GCAA ACTGGC GGAACGGTTG GGGGTT CAGC AGCCGGCGCT
      670     680     690     700     710     720
TTACTGGCAC TTCAGGAACA AGCGGGCGCT GCTCGACGCA CTGGCCGAAG CCATGCTGGC
      730     740     750     760     770     780
GGAGAATCAT ACGCATTCCG TGCCGAGAGC CGACGACGAC TGGCGCTCAT TTCTGATCGG
      790     800     810     820     830     840
GAATGCCCGC AGCTTCAGGC AGGCGCTGCT CGCCTACCGC CAGCACAATG GCACCATGTG
      850     860     870     880     890     900
CTCGAGCTGC AGGCATGCAA GCTTGGCGTA ATCATGGTCA TAGCTGTTTC CTGTGTGAAA
      910     920     930     940     950     960
TTGTTATCCG CTCACAATTC CACACAACAT ACGAGCCGGA AGCATAAAGT GTAAAGCCTG
      970     980     990    1000    1010    1020
GGGTGCCTAA TGAGTGAGCT AACTCACATT AATTGCGTTG CGCTCACTGC CCGCTTTCCA
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1030	1040	1050	1060	1070	1080
GTGCGGAAAC	CTGTCGTGCC	AGCTGCATTA	ATGAATCGGC	CAACGCGCGG	GGAGAGGCGG
1090	1100	1110	1120	1130	1140
TTTGCGTATT	GGGCGCTCTT	CCGCTTCCTC	GCTCACTGAC	TCGCTGCGCT	CGGTCGTTCG
1150	1160	1170	1180	1190	1200
GCTGCGGCGA	GCGGTATCAG	CTCACTCAAA	GGCGGTAATA	CGGTATATCA	CAGAATCAGG
1210	1220	1230	1240	1250	1260
GGATAACGCA	GGAAAGAACA	TGTGAGCAAA	AGGCCAGCAA	AAGGCCAGGA	ACCGTAAAAA
1270	1280	1290	1300	1310	1320
GGCCGCGTTG	CTGGCGTTTT	TCCATAGGCT	CCGCCCCCCT	GACGAGCATC	ACAAAAATCG
1330	1340	1350	1360	1370	1380
ACGCTCAAGT	CAGAGGTGGC	GAAACCCGAC	AGGACTATAA	AGATACCAGG	CGTTTCCCCC
1390	1400	1410	1420	1430	1440
TGGAAGCTCC	CTCGTGCCTC	CTCCTGTTCC	GACCCTGCCG	CTTACCGGAT	ACCTGTCCGC
1450	1460	1470	1480	1490	1500
CTTTCTCCCT	TCGGGAAGCG	TGGCGCTTTC	TCAAAGCTCA	CGCTGTAGGT	ATCTCAGTTC
1510	1520	1530	1540	1550	1560
GGTGTAGGTC	GTTTCGTCCA	AGCTGGGCTG	TGTGCACGAA	CCCCCGTTC	AGCCCGACCG
1570	1580	1590	1600	1610	1620
CTGCGCCTTA	TCCGGTAACT	ATCGTCTTGA	GTCCAACCCG	GTAAGACACG	ACTTATCGCC
1630	1640	1650	1660	1670	1680
ACTGGCAGCA	GCCACTGGTA	ACAGGATTAG	CAGAGCGAGG	TATGTAGGCG	GTGCTACAGA
1690	1700	1710	1720	1730	1740
GTTCTTGAAG	TGGTGGCCTA	ACTACGGCTA	CACTAGAAGG	ACAGTATTTG	GTATCTGCGC
1750	1760	1770	1780	1790	1800
TCTGCTGAAG	CCAGTTACCT	TCGGAAAAAG	AGTTGGTAGC	TCTTGATCCG	GCAAACAAAC
1810	1820	1830	1840	1850	1860
CACCGCTGGT	AGCGGTGGTT	TTTTTGTGTT	CAAGCAGCAG	ATTACGCGCA	GAAAAAAAGG
1870	1880	1890	1900	1910	1920
ATCTCAAGAA	GATCCTTTGA	TCTTTTCTAC	GGGGTCTGAC	GCTCAGTGGA	ACGAAAACTC
1930	1940	1950	1960	1970	1980
ACGTTAAGGG	ATTTTGGTCA	TGAGATTATC	AAAAAGGATC	TTCACCTAGA	TCCTTTTAAA
1990	2000	2010	2020	2030	2040
TTAAAAATGA	AGTTTAAAT	CAATCTAAAG	TATATATGAG	TAAACTTGGT	CTGACAGTTA
2050	2060	2070	2080	2090	2100
CAAATGCTTA	ATCAGTGAGG	CACCTATCTC	AGCGATCTGT	CTATTCGTT	CATCCATAGT

2110	2120	2130	2140	2150	2160
TGCCTGACTC	CCCGTCGTGT	AGATAACTAC	GATACGGGAG	GGCTTACCAT	CTGGCCCCAG
2170	2180	2190	2200	2210	2220
TGCTGCAATG	ATACCGCGAG	ACCCACGCTC	ACCGGCTCCA	GATTATCAG	CAATAAACCA
2230	2240	2250	2260	2270	2280
GCCAGCCGGA	AGGGCCGAGC	GCAGAAGTGG	TCCTGCAACT	TTATCCGCCT	CCATCCAGTC
2290	2300	2310	2320	2330	2340
TATTAATTGT	TGCCGGGAAG	CTAGAGTAAG	TAGTTCGCCA	GTAAATAGTT	TGCGCAACGT
2350	2360	2370	2380	2390	2400
TGTTGCCATT	GCTACAGGCA	TCGTGGTGTC	ACGCTCGTCG	TTGGTATGG	CTTCATTCAG
2410	2420	2430	2440	2450	2460
CTCCGGTTCC	CAACGATCAA	GGCGAGTTAC	ATGATCCCCC	ATGTTGTGCA	AAAAAGCGGT
2470	2480	2490	2500	2510	2520
TAGCTCCTTC	GGTCTCCGA	TCGTTGTCAG	AAGTAAGTTG	GCCGCAGTGT	TATCACTCAT
2530	2540	2550	2560	2570	2580
GGTTATGGCA	GCACTGCATA	ATTCTCTTAC	TGTCATGCCA	TCCGTAAGAT	GCTTTTCTGT
2590	2600	2610	2620	2630	2640
GACTGGTGAG	TACTCAACCA	AGTCATTCTG	AGAATAGTGT	ATGCGGCGAC	CGAGTTGCTC
2650	2660	2670	2680	2690	2700
TTGCCCGGCG	TCAATACGGG	ATAATACCGC	GCCACATAGC	AGAACTTTAA	AAGTGCTCAT
2710	2720	2730	2740	2750	2760
CATTGAAAAA	CGTTCCTCGG	GGCGAAAACT	CTCAAGGATC	TTACCGCTGT	TGAGATCCAG
2770	2780	2790	2800	2810	2820
TTCGATGTAA	CCCACTCGTG	CACCCAAGT	ATCTTCAGCA	TCTTTTACTT	TCACCAGCGT
2830	2840	2850	2860	2870	2880
TTCTGGGTGA	GCAAAAACAG	GAAGGCAAAA	TGCCGCAAAA	AAGGGAATAA	GGGCGACACG
2890	2900	2910	2920	2930	2940
GAAATGTTGA	ATACTCATAC	TCTTCCTTTT	TCAATATTAT	TGAAGCATTT	ATCAGGGTTA
2950	2960	2970	2980	2990	3000
TTGTCTCATG	AGCGGATACA	TATTTGAATG	TATTTAGAAA	AATAAACAAA	TAGGGGTTCC
3010	3020	3030	3040	3050	3060
GCGCACATTT	CCCCGAAAAG	TGCCACCTGA	CGTCTAAGAA	ACCATTATTA	TCATGACATT
3070	3080	3090	3100	3110	3120
AACCTATAAA	AATAGGCGTA	TCACGAGGCC	CTTTCGTC		



bla: ampicillin resistance