

LOCUS pUC-CAT 3283 bp DNA circular 28-3-2018

SOURCE

ORGANISM

FEATURES

Location/Qualifiers

misc\_feature 1088..1131  
/label="Terminator T7\_terminator"  
/note="T7"  
misc\_feature 1027..1155  
/label="Terminator T7\_transcription\_termination\_region"  
/note="T7"  
misc\_feature 1186..1202  
/label="M13-FW (Takara M13primer M3)"  
/note="M13-FW (Takara M13primer M3)"  
misc\_feature complement(2223..3083)  
/label="Selection ampicillin\_resistance\_gene\_ORF"  
/note="amp"  
misc\_feature 194..210  
/label="M13-RV (Takara M13primer RV)"  
/note="M13-RV (Takara M13primer RV)"  
misc\_feature 301..317  
/label="T7\_gene\_10\_translational\_enhancer\_RBS"  
/note="T7\_transl\_en\_RBS"  
misc\_feature 326..985  
/label="Chloramphenicol\_acetyltransferase(CAT)\_ORF"  
/note="CAT"  
misc\_feature complement(3125..3153)  
/label="Promoter ampicillin\_resistance\_gene(b-lactamase)promoter"  
/note="Pr\_amp"  
misc\_feature complement(1449..2068)  
/label="Origin pBR322\_replication\_origin"  
/note="Ori\_pBR322"  
misc\_feature 246..264  
/label="Promoter T7\_promoter"  
/note="Pr\_T7"

ORIGIN

1 TCGCGCGTTT CGGTGATGAC GGTGAAAACC TCTGACACAT GCAGCTCCCG GAGACGGTCA  
61 CAGCTTGTCT GTAAGCGGAT GCCGGGAGCA GACAAGCCCG TCAGGGCGCG TCAGCGGGTG  
121 TTGGCGGGTG TCGGGGCTGG CTTAACTATG CGGCATCAGA GCAGATTGTA CTGAGAGTGC  
181 ACCAAATTTT ACACAGGAAA CAGCTATGAC CATGATTACG AATTCAGATC TCGATCCCGC  
241 GAAATTAATA CGACTACTA TAGGGAGACC ACAACGGTTT CCCTCTAGAA ATAATTTTGT  
301 TTAACITTTAA GAAGGAGATA TACATATGGA GAAAAAATC ACTGGATATA CCACCGTTGA  
361 TATATCCCAA TGGCATCGTA AAGAACATTT TGAGGCATTT CAGTCAGTTG CTCAATGTAC  
421 CTATAACCAG ACCGTTTACG TGGATATTAC GGCCTTTTTA AAGACCGTAA AGAAAAATAA  
481 GCACAAGTTT TATCCGGCCT TTATTCACAT TCTTGCCCGC CTGATGAATG CTCATCCGGA  
541 ATTCCGTATG GCAATGAAAG ACGGTGAGCT GGTGATATGG GATAGTGTTC ACCCTTGTTA  
601 CACCGTTTTT CATGAGCAA CTGAAACGTT TTCATCGCTC TGGAGTGAAT ACCACGACGA  
661 TTTCCGGCAG TTTCTACACA TATATTCGCA AGATGTGGCG TGTTACGGTG AAAACCTGGC  
721 CTATTTCCCT AAAGGGTTTTA TTGAGAATAT GTTTTTCGTC TCAGCCAATC CCTGGGTGAG  
781 TTTACCAGT TTTGATTTAA ACGTGGCCAA TATGGACAAC TTCTTCGCCC CCGTTTTTAC  
841 CATGGGCAA TATTATACGC AAGGCGACAA GGTGCTGATG CCGCTGGCGA TTCAGTTTCA  
901 TCATGCCGTC TGTGATGGCT TCCATGTCCG CAGAATGCTT AATGAATTAC AACAGTACTG  
961 CGATGAGTGG CAGGGCGGGG CGTAATTTTT TTAAGGCAGT TATTGGTGCC CTTAAACGTC  
1021 GACCGGCTGC TAACAAAGCC CGAAAGGAAG CTGAGTTGGC TGCTGCCACC GCTGAGCAAT  
1081 AACTAGCATA ACCCCTTGGG GCCTCTAAC GGGTCTTGAG GGGTTTTTTG CTGAAAGGAG  
1141 GAACTATATC CGGATAACCT CGAGCTGCAG GCATGCAAGC TTGGCACTGG CCGTCGTTTT  
1201 ACAACGTCGT GACTGGGAAA ACCCTGGCTG CATTAAATGAA TCGGCCAACG CGCGGGGAGA  
1261 GCGGTTTTG GTATTGGGCG CTCTTCCGCT TCCTCGCTCA CTGACTCGCT GCGCTCGGTC  
1321 GTTCGGTGC GGCAGCGGT ATCAGCTCAC TCAAAGGCGG TAATACGGTT ATCCACAGAA  
1381 TCAGGGGATA ACGCAGGAAA GAACATGTGA GCAAAAGGCC AGCAAAAGGC CAGGAACCGT  
1441 AAAAAAGGCC CGTTGCTGGC GTTTTTCCAT AGGCTCCGCC CCCCTGACGA GCATCACAAA  
1501 AATCGACGCT CAAGTCAGAG GTGGCGAAAC CCGACAGGAC TATAAAGATA CCAGGCGTTT  
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1621 TCCGCCTTTC TCCCTTCGGG AAGCGTGGCG CTTTCTCAAT GCTCACGCTG TAGGTATCTC

1681 AGTTCGGTGT AGGTCGTTCCG CTCCAAGCTG GGCTGTGTGC ACGAACCCCC CGTTCAGCCC  
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1801 TCGCCACTGG CAGCAGCCAC TGGTAACAGG ATTAGCAGAG CGAGGTATGT AGGCGGTGCT  
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1921 TGCCTCTGC TGAAGCCAGT TACCTTCGGA AAAAGAGTTG GTAGCTTTG ATCCGGCAAA  
1981 CAAACCACCG CTGGTAGCCG TGGTTTTTTT GTTTGCAAGC AGCAGATTAC GCGCAGAAAA  
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2161 TTAATTTAAA AATGAAGTTT TAAATCAATC TAAAGTATAT ATGAGTAAAC TTGGTCTGAC  
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2281 ATAGTTGCCT GACTCCCCGT CGTGTAGATA ACTACGATAC GGGAGGGCTT ACCATCTGGC  
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2401 AACCAGCCAG CCGGAAGGGC CGAGCGCAGA AGTGGTCCTG CAACTTTATC CGCCTCCATC  
2461 CAGTCTATTA ATTGTTGCCG GGAAGCTAGA GTAAGTAGTT CGCCAGTTAA TAGTTTGC GC  
2521 AACGTTGTTG CCATTGCTAC AGGCATCGTG GTGTACGCT CGTCGTTTGG TATGGCTTCA  
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2641 GCGGTTAGCT CCTTCGGTCC TCCGATCGTT GTCAGAAGTA AGTTGGCCGC AGTGTATCA  
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2761 TCTGTGACTG GTGAGTACTC AACCAAGTCA TTCTGAGAAT AGTGTATGCG GCGACCGAGT  
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2881 CTCATCATTG GAAAACGTTT TTCGGGGCGA AACTCTCAA GGATCTTACC GCTGTTGAGA  
2941 TCCAGTTCGA TGTAACCCAC TCGTGCACCC AACTGATCTT CAGCATCTTT TACTTTCCACC  
3001 AGCCTTTCTG GGTGAGCAAA AACAGGAAGG CAAAATGCCG CAAAAAAGGG AATAAGGGCG  
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