

LOCUS pT7Tet1 RDB 6211 5200 bp DNA circular SYN 05-FEB-2007

BglII T7 promoter  
991 aggatcgaga tctcgatccc gcgaaattaa tacgactcac tataggggaa ttgtgagcgg

NcoI  
1051 ataacaattc cctctagaa ataattttgt ttaactttaa gaaggagata taccatgggc  
METGly

NdeI XhoI  
1111 agcagccatc atcatcatca tcacagcagc ggcttgggtgc cgcgcggcag ccatatgctc  
SerSerHisHis HisHisHis HisSerSer GlyLeuValPro ArgGlySer HisMetLeu

BamHI  
1171 gaggatccgg ctgctaaca agcccgaag gaagctgagt tggctgctgc caccgetgag  
GluAspProAla AlaAsnLys AlaArgLys GluAlaGluLeu AlaAlaAla ThrAlaGlu

T7 terminator  
1231 caataactag cataaccct tggggcctct aaacgggtct tgaggggttt tttgctgaaa  
Gln\*\*\*

EcoRV  
1291 ggaggaacta tatccggata tcccgaaga ggcccggcag taccggcata accaagccta

1351 tgcttacagc atccagggtg acggtgccga ggatgacgat gagcgattg ttagatttca

Hind3  
1411 tacacggtgc ctgactgctg tagcaattta actgtgataa actaccgcat taaagcttat

ClaI EcoRI  
1471 cgatgataag ctgtcaaca tgagaattcc ggatgagcat tcatcaggcg ggcaagaatg

BamHI : GGATCC ( 2) 1173 3363  
BglII : AGATCT ( 1) 998  
ClaI : ATCGAT ( 2) 1469 3011  
EcoRI : GAATTC ( 1) 1494  
EcoRV : GATATC ( 2) 1307 3173  
HindIII : AAGCTT ( 2) 1463 3017  
NcoI : CCATGG ( 1) 1103  
NdeI : CATATG ( 1) 1162  
XhoI : CTCGAG ( 1) 1168

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LOCUS pT7Tet\_01 5200 bp DNA circular SYN 05-FEB-2007

DEFINITION Cloning vector pT7Tet\_01.

ACCESSION

KEYWORDS tetracycline resistance; cloning vector; plasmid.

SOURCE synthetic construct

ORGANISM synthetic construct

other sequences; artificial sequences.

COMMENT Derived from pACYC184, X06403.

FEATURES Location/Qualifiers

source 1..5200

/organism="synthetic construct"

/mol\_type="other DNA"

/plasmid="pT7Tet\_01"

misc\_feature 1..1494

/note="sequence from pET15b"

misc\_feature complement(1..631)

/note="lacI coding sequence, partial"

misc\_feature 998..1003

/note="BglIII"

misc\_feature 1028..1044

/note="T7 promoter"

misc\_feature 1045

/note="T7 transcription start"

misc\_feature 1103..1108

/note="NcoI"

misc\_feature 1117..1135

/note="His·Tag coding sequence"

misc\_feature 1162..1167

/note="NdeI"

misc\_feature 1168..1173

/note="XhoI"

misc\_feature 1238..1284

/note="T7 terminator"

misc\_feature 1494..1499

/note="EcoRI"

misc\_feature 1497..1712

/note="chloramphenicol resistance gene, partial"

misc\_feature 1936..2076

/note="part of IS1 from Tn9"

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rep\_origin 2074..2986  
/note="p15A origin of replication"  
misc\_feature complement(2078..5024)  
/note="Tn9 HaeII fragment"  
misc\_feature 2988..4769  
/note="pSC101 fragment"  
misc\_feature 3074..4264  
/note="tetracycline resistance gene"

BASE COUNT 1161 a 1451 c 1383 g 1205 t

ORIGIN

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