Vector Map: pENTR221

NAME: pENTR221
RESISTANT MARKER: Kanamycin resistant; 10 µg/ml
SOURCE: Invitrogen Life Technologies
V_TYPE: Gateway entry vector
SEQUENCING PRIMERS: **M13(-21)**, M13 reverse

POLYLINKER SEQUENCE:

CGACAAACAACAGATAAAACGAAAGGCCCAGTCTTCCGACTGAGCCTTTC
GTTTTATTTGATGCCTGGCAGTTCCCTACTCTCGCGTTAACGCTAGCATG
GATGTTTTCCCAGTCACGACG**TTGTAAAACGACGGCCAGT**CTTAAGCTCG
GGCCCCAAATAATGATTTTATTTTGACTGATAGTGACCTGTTCGTTGCAA
CAAATTGATGAGCAATGCTTTTTTATAATGCCAACTTTGTACAAAAAAGC
AGGCT**-linker-ORF-linker-**ACCCAGCTTTCTTGTACAAAGTTGGC
ATTATAAGAAAGCATTGCTTATCAATTTGTTGCAACGAACAGGTCACTAT
CAGTCAAAATAAAATCATTATTTGCCATCCAGCTGATATCCCCTATAGTG
AGTCGTATTACATGGTCATAGCTGTTTCCTGGCAGCTCTGGCCCGTGTCT
CAAAATCTCTGATGTTACATTGCACAAGATAAAAATATATCATCATGAAC
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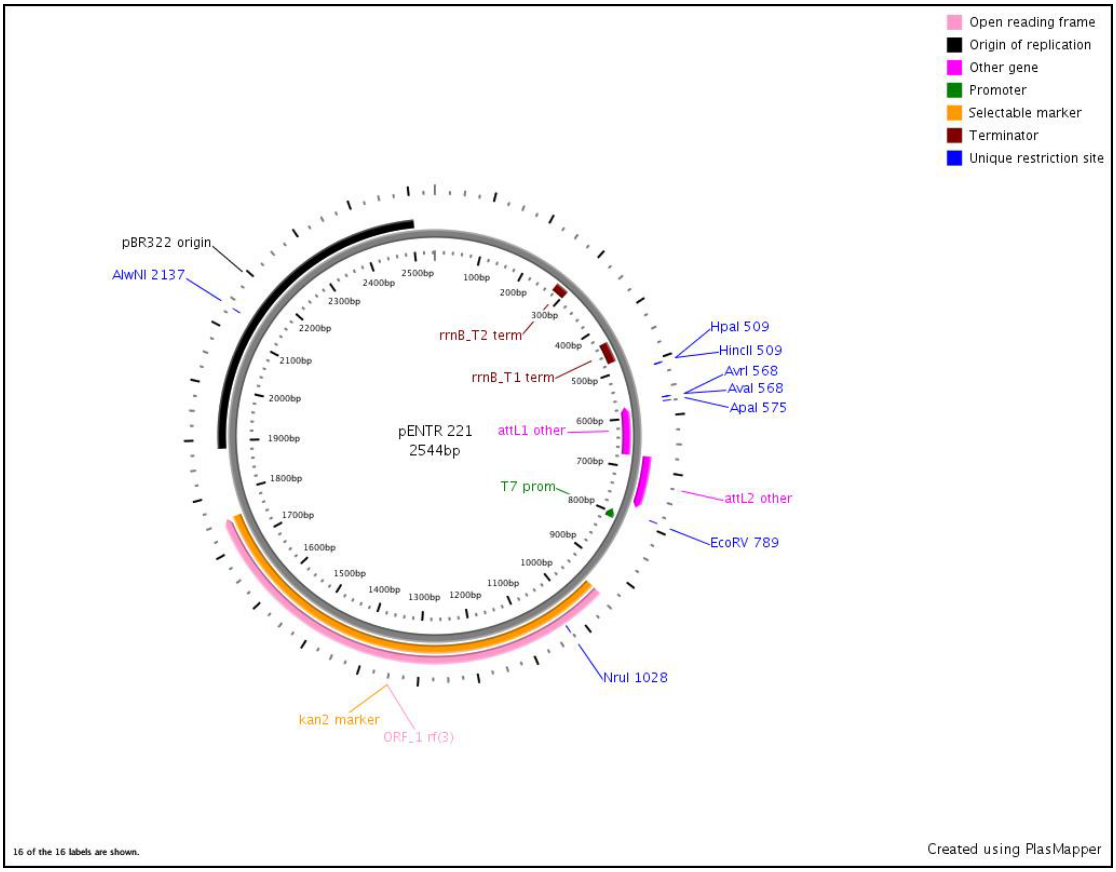

Sequence:

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1       ACATGTTCTT TCCTGCGTTA TCCCCTGATT CTGTGGATAA CCGTATTACC GCCTTTGAGT  60
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121     CGGAAGAGCG CCCAATACGC AAACCGCCTC TCCCCGCGCG TTGGCCGATT CATTAATGCA  180
181     GCTGGCACGA CAGGTTTCCC GACTGGAAAG CGGGCAGTGA GCGCAACGCA ATTAATACGC  240
241     GTACCGCTAG CCAGGAAGAG TTTGTAGAAA CGCAAAAAGG CCATCCGTCA GGATGGCCTT  300
301     CTGCTTAGTT TGATGCCTGG CAGTTTATGG CGGGCGTCCT GCCCGCCACC CTCCGGGCCG  360
361     TTGCTTCACA ACGTTCAAAT CCGCTCCCGG CGGATTTGTC CTACTCAGGA GAGCGTTCAC  420
421     CGACAAACAA CAGATAAAAC GAAAGGCCCA GTCTTCCGAC TGAGCCTTTC GTTTTATTTG  480
481     ATGCCTGGCA GTTCCCTACT CTCGCGTTAA CGCTAGCATG GATGTTTTCC CAGTCACGAC  540
541     GTTGTAAAAC GACGGCCAGT CTTAAGCTCG GGCCCCAAAT AATGATTTTA TTTTGACTGA  600
601     TAGTGACCTG TTCGTTGCAA CAAATTGATG AGCAATGCTT TTTTATAATG CCAACTTTGT  660
661     ACAAAAAAGC AGGCTACCCA GCTTTCTTGT ACAAAGTTGG CATTATAAGA AAGCATTGCT  720
721     TATCAATTTG TTGCAACGAA CAGGTCACTA TCAGTCAAAA TAAAATCATT ATTTGCCATC  780
781     CAGCTGATAT CCCCTATAGT GAGTCGTATT ACATGGTCAT AGCTGTTTCC TGGCAGCTCT  840
841     GGCCCGTGTC TCAAAATCTC TGATGTTACA TTGCACAAGA TAAAAATATA TCATCATGAA  900
901     CAATAAAACT GTCTGCTTAC ATAAACAGTA ATACAAGGGG TGTTATGAGC CATATTCAAC  960
961     GGGAAACGTC GAGGCCGCGA TTAAATTCCA ACATGGATGC TGATTTATAT GGGTATAAAT  1020
1021    GGGCTCGCGA TAATGTCGGG CAATCAGGTG CGACAATCTA TCGCTTGTAT GGGAAGCCCG  1080
1081    ATGCGCCAGA GTTGTTTCTG AAACATGGCA AAGGTAGCGT TGCCAATGAT GTTACAGATG  1140
1141    AGATGGTCAG ACTAAACTGG CTGACGGAAT TTATGCCTCT TCCGACCATC AAGCATTTTA  1200
1201    TCCGTACTCC TGATGATGCA TGGTTACTCA CCACTGCGAT CCCCGGAAAA ACAGCATTCC  1260
1261    AGGTATTAGA AGAATATCCT GATTCAGGTG AAAATATTGT TGATGCGCTG GCAGTGTTCC  1320
1321    TGCGCCGGTT GCATTCGATT CCTGTTTGTA ATTGTCCTTT TAACAGCGAT CGCGTATTTC  1380
1381    GTCTCGCTCA GGCGCAATCA CGAATGAATA ACGGTTTGGT TGATGCGAGT GATTTTGATG  1440
1441    ACGAGCGTAA TGGCTGGCCT GTTGAACAAG TCTGGAAAGA AATGCATAAA CTTTTGCCAT  1500
1501    TCTCACCGGA TTCAGTCGTC ACTCATGGTG ATTTCTCACT TGATAACCTT ATTTTTGACG  1560
1561    AGGGGAAATT AATAGGTTGT ATTGATGTTG GACGAGTCGG AATCGCAGAC CGATACCAGG  1620
1621    ATCTTGCCAT CCTATGGAAC TGCCTCGGTG AGTTTTCTCC TTCATTACAG AAACGGCTTT  1680
1681    TTCAAAAATA TGGTATTGAT AATCCTGATA TGAATAAATT GCAGTTTCAT TTGATGCTCG  1740
1741    ATGAGTTTTT CTAATCAGAA TTGGTTAATT GGTTGTAACA CTGGCAGAGC ATTACGCTGA  1800
1801    CTTGACGGGA CGGCGCAAGC TCATGACCAA AATCCCTTAA CGTGAGTTAC GCGTCGTTCC  1860
1861    ACTGAGCGTC AGACCCCGTA GAAAAGATCA AAGGATCTTC TTGAGATCCT TTTTTTCTGC  1920
1921    GCGTAATCTG CTGCTTGCAA ACAAAAAAAC CACCGCTACC AGCGGTGGTT TGTTTGCCGG  1980
1981    ATCAAGAGCT ACCAACTCTT TTTCCGAAGG TAACTGGCTT CAGCAGAGCG CAGATACCAA  2040
2041    ATACTGTCCT TCTAGTGTAG CCGTAGTTAG GCCACCACTT CAAGAACTCT GTAGCACCGC  2100
2101    CTACATACCT CGCTCTGCTA ATCCTGTTAC CAGTGGCTGC TGCCAGTGGC GATAAGTCGT  2160
2161    GTCTTACCGG GTTGGACTCA AGACGATAGT TACCGGATAA GGCGCAGCGG TCGGGCTGAA  2220
2221    CGGGGGGTTC GTGCACACAG CCCAGCTTGG AGCGAACGAC CTACACCGAA CTGAGATACC  2280
2281    TACAGCGTGA GCATTGAGAA AGCGCCACGC TTCCCGAAGG GAGAAAGGCG GACAGGTATC  2340
2341    CGGTAAGCGG CAGGGTCGGA ACAGGAGAGC GCACGAGGGA GCTTCCAGGG GGAAACGCCT  2400
2401    GGTATCTTTA TAGTCCTGTC GGGTTTCGCC ACCTCTGACT TGAGCGTCGA TTTTTGTGAT  2460
2461    GCTCGTCAGG GGGGCGGAGC CTATGGAAAA ACGCCAGCAA CGCGGCCTTT TTACGGTTCC  2520
2521    TGGCCTTTTG CTGGCCTTTT GCTC                                         2544
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For furhter technical information visit our homepage at: http://www.dnaform.jp or contact us under: ORF@dnaform.jp.