

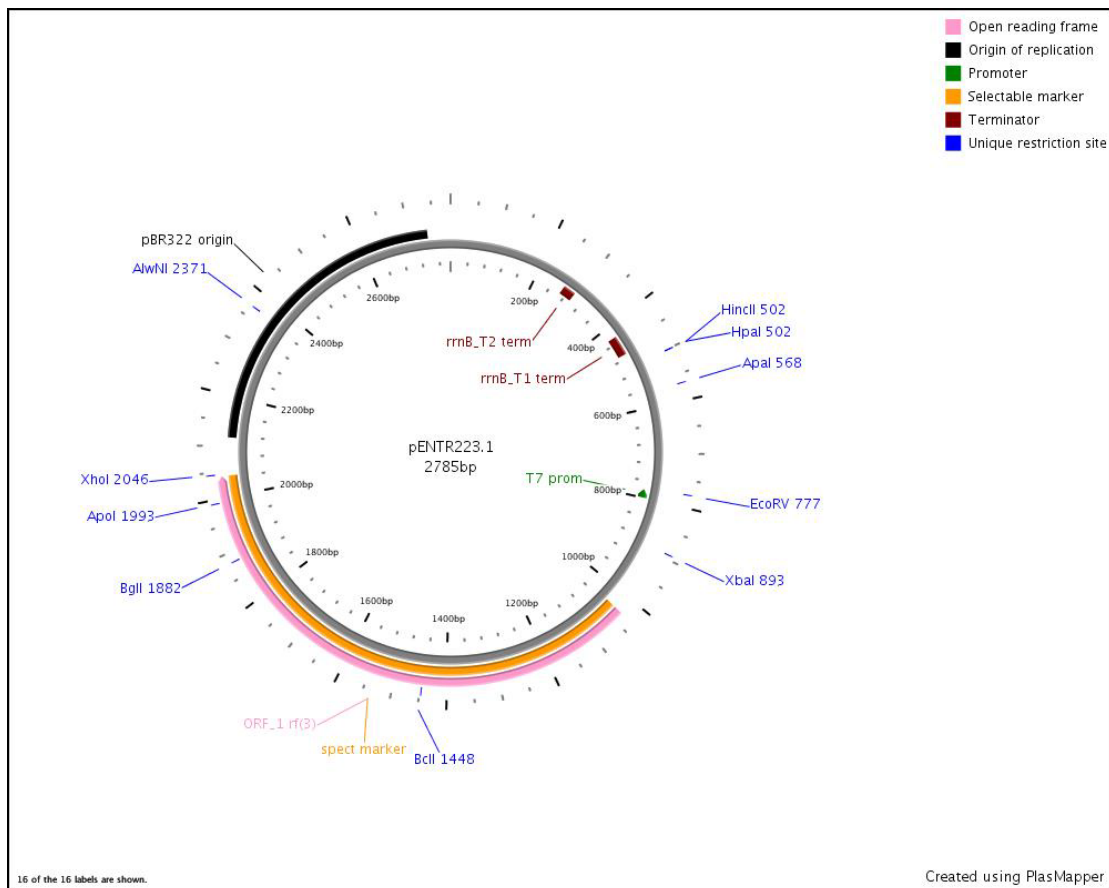
Vector Map: pENTR223.1

NAME: pENTR223.1
RESISTANT MARKER: Spectinomycin resistant; 100 µg/ml
SOURCE: Invitrogen Life Technologies
V_TYPE: Gateway entry vector
SEQUENCING PRIMERS: M13(-21), T7

POLYLINKER SEQUENCE:

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GCTAGCATGGATGTTTTTCCAGTCACGACGTTGTAAAACGACGGCCAGTC
TTAAGCTCGGGCCCCAAATAATGATTTTATTTTGGACTGATAGTGACCTGT
TCGTTGCAACAAATTGATGAGCAATGCTTTTTTATAATGCCAACTTTGTA
CAAAAAAGCAGAAG-linker-ORF-linker-GCCAGCTTTCCTGTAC
AAAGTTGGCATTATAAAAAATAATGCTCATCAATTTGTTGCAACGAACA
GGTCACTATCAGTCAAAAATAAAATCATTATTTGCCATCCAGCTGATATCC
CCTATAGTGAGTCGTATTACATGGTCAT
    
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Sequence:

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1      CTTTCCTGCG TTATCCCCTG ATTCGTGTGGA TAACCGTATT ACCGCCTTTG AGTGAGCTGA 60
61     TACCGTCTCGC CGCAGCCGAA CGACCGAGCG CAGCGAGTCA GTGAGCGAGG AAGCGGAAGA 120
121    GCGCCCAATA  CGCAAACCGC CTCTCCCCGC GCGTTGGCCG ATTCATTAAT GCAGCTGGCA 180
181    CGACAGGTTT  CCCGACTGGA AAGCGGGCAG TGAGCGCAAC GCAATTAATA CGCGTACGCG 240
241    TAGCCAGGAA  GAGTTTGTAG AAACGCAAAA AGGCCATCCG TCAGGATGGC CTTCTGCTTA 300
301    GTTTGTATGCC TGGCAGTTTA TGGCGGGCGT CCTGCCCGCC ACCCTCCGGG CCGTTGCTTC 360
361    ACAACGTTCA  AATCCGCTCC CGGCGGATTT GTCCTACTCA GGAGAGCGTT CACCGACAAA 420
421    CAACAGATAA  AACGAAAGGC CCAGTCTTCC GACTGAGCCT TCGTTTTTAT TTGATGCCTG 480
481    GCAGTTC CCTT ACTCTCGCGT TAACGCTAGC ATGGATGTTT TCCCAGTCAC GACGTTGTAA 540
541    AACGAGCGCC  AGTCTTAAGC TCGGGCCCCA AATAATGATT TTATTTTGAC TGATAGTGAC 600
601    CTGTTTCGTTG CAACAAATTG ATGAGCAATG CTTTTTTATA ATGCCAACTT TGTACAAAAA 660
661    AGTTGGCAAC  TTTCTGTAC  AAAGTTGGCA TTATAAGAAA GCATTGCTTA TCAATTTGTT 720
721    GCAACGAACA  GGTCACTATC AGTCAAAAATA AAATCATTAT TTGCCATCCA GCTGATATCC 780
781    CCTATAGTGA  GTCGTATTAC ATGGTCATAG CTGTTTCCCT GCAGCTCTGG CCGTGTCTC 840
841    AAAATCTCTG  ATGTTACATT GCACAAGATA AAAATATATC ATCATGCCTC CTCTAGACCA 900
901    CACAGGACAA  AAATGCCTCG ACTTCGCTCG TACCAAGGT TCCGGGGTGA CGCACACCTG 960
961    GGAAACGGAT  GAAGGCACGA ACCCAGTGGG CATAAGCCTG TTCGGTTCGT AAGCTGTAAT 1020
1021   GCAAGTAGCG  TATGGCTCA  CGCAACTGGT CCAGAACCTT GACCGAACGC AGCGGTGGTA 1080
1081   ACGGCGCAGT  GCGGTTTTTC ATGGCTTGTG ATGACTGTTT TTTTGGGGTA CAGTCTATGC 1140
1141   CTCGCGCATC  CAAGCAGCAA CGCGTTACG CCGTGGGTGC ATGTTTGATG TTATGGAGCA 1200
1201   GCAACAGATG  TACGCAGCAG GGCAGTCCGC CTAAAAACAA GTTAAACATC ATGAGGGGAA 1260
1261   CGGTGATCGC  CGAAGTATCG ACTCAACTAT CAGAGGTAGT TGGCGTCATC GAGCGCCATC 1320
1321   TCGAACCGAC  GTTGCTGGCC GTACATTTGT ACGGCTCCGC AGTGGATGGC GGCTGAAGC 1380
1381   CACACAGTGA  TATTGATTTG CTGGTTACGG TGACCGTAA  GCTTGATGAA ACAACGCGGC 1440
1441   GAGCTTTGAT  CAACGACCTT TTGGAACACT TCGGCTTCCC GGGAGAGAGC GAGATTTCTC 1500
1501   GCGCTGTAGA  AGTCACCATT GTTGTGCACG ACGACATCAT TCCGTGGCGT TATCCAGCTA 1560
1561   AGCGCGAACT  GCAATTTGGA GAATGGCAGC GCAATGACAT TCTTGCAGGT ATCTTCGAGC 1620
1621   CAGCCACGAT  CGACATTGAT CTGGCTATCT TGCTGACAAA AGCAAGAGAA CATAGCGTTG 1680
1681   CCTTGGTAGG  TCCAGCGGCG GAGGAACCTT TTGATCCGGT TCCTGAACAG GATCTATTTG 1740
1741   AGGCGCTAAA  TGAACCTTA  ACGCTATGGA ACTCGCCGCC CACTGGGCT GCGGATGAGC 1800
1801   GAAATGTAGT  GCTTACGTTG TCCCGCATT TGGTACAGCG AGTAACCGGC AAAATCGGCG 1860
1861   CGAAGGATGT  CGCTGCCGAC TGGGCAATGG AGCGCCTGCC GGCCAGTAT CAGCCCCTCA 1920
1921   TACTTGAAGC  TAGACAGGCT TATCTTGAC  AAGAAGAAGA TCGCTTGCC TCGCGCGCAG 1980
1981   ATCAGTTGGA  AGAATTTGTC CACTACGTGA AAGCGAGAT CACCAAGGTA GTCGGCAAA 2040
2041   AACCCTCGAG  CCACCATGA  CCAAATCCC TTAACGTGAG TTACGCGTCG TTCCTACTGAG 2100
2101   CGTCAGACCC  CGTAGAAAAG ATCAAAGGAT CTCTTGAGA TCCTTTTTTT CTGCGCGTAA 2160
2161   TCTGCTGCTT  GCAAAACAAA AAACCACCGC TACCAGCGGT GGTGTTGTTG CCGGATCAAG 2220
2221   AGCTACCAAC  TCTTTTTCCG AAGGTAAC TGCTCAGCAG AGCGCAGATA CCAAATACTG 2280
2281   TCCTTCTAGT  GTAGCCGTAG TTAGGCCACC ACTTCAAGAA CTCTGTAGCA CCGCTACAT 2340
2341   ACCTCGCTCT  GCTAATCCTG TTACCAGTGG CTGCTGCCAG TGGCGATAAG TCGTGTCTTA 2400
2401   CCGGGTTGGA  CTCAAGACGA TAGTTACCGG ATAAGGCGCA GCGGTCCGGC TGAACGGGGG 2460
2461   GTTCGTGCAC  ACAGCCAGC  TTGGAGCGAA CGACCTACAC CGAACTGAGA TACCTACAGC 2520
2521   GTGAGCATTG  AGAAAGCGCC ACGCTTCCCG AAGGGAGAAA GCGGACAGG TATCCGTTAA 2580
2581   GCGGACGGGT  CGGAACAGGA GAGCGCACGA GGGAGCTTCC AGGGGAAAC GCCTGGTATC 2640
2641   TTTATAGTCC  TGTCGGGTTT CGCCACCTCT GACTTGAGCG TCGATTTTGT TGATGCTCGT 2700
2701   CAGGGGGGCG  GAGCCTATGG AAAAACGCCA GCAACGCGGC CTTTTTACGG TTCCTGGCCT 2760
2761   TTTGCTGGCC  TTTTGCTCAC ATGTT 2785
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For further information on the ORFeome Collaboration, visit their homepage at <http://www.orfeomecollaboration.org/html/index.shtml>.

For further technical information visit our homepage at: <http://www.dnaform.jp> or contact us under: ORF@dnaform.jp.