Gene barK

promoter

ATGTAGAGGACCGACGGGGAAACCCTGGACATAGGGAATCCCGTCGTTCGGACTAGCTATTAAAGCAGAC

1,800

1,808

1,816

1,824

1,832

1,840

1,848

1,856

1,864

Gene kanR

TCAGCAACCTGGTTTAAAGTGGAACATACACCGGCAGCTAACCAACGGTGACGAGAGTGACTCTATGTCG
1,944
1,952
1,960
1,968
1,976
1,984
1,992
2,000
2,008

Gene kanR

CTGGACCGGCAGTGGCTTCGTTTCTAACGCGATCATACCGCTGCCACCGGTTGGTACGAAGGAACCCAGC

2.016 2.024 2.032 2.040 2.048 2.056 2.064 2.072 2.080

Gene kanR

GATCTCAAACCATGTCATTGTCGTCTTGAATTATGCCTTTATGGAAACCAAACTAAGAGTCTGTAATAGA
2,080 2,088 2,096 2,104 2,112 2,120 2,128 2,136 2,144

Gene kanR

CATCAATCGACCACGGAGGCCGTCGTAGTGGCCGGGCTTTATTACCCGGAAAGGGTACCTTATCGAG

2,152 2,160 2,168 2,176 2,184 2,192 2,200 2,208 2,216

Gene kanR

TCATGAGGTATGGAGAAATAGGTCTCAAATGGCCTAAAAGCAGAACATCATGTGATTCACTTCATTTATA
2,24 2,232 2,240 2,248 2,256 2,264 2,272 2,280 2,288

Gene kanR

AGGAATTGCCGAACACCGCCTAAGCTAGCTATGCTGAATGCGACTCACCATAACACGCTGTCTATTTGAT

2,304 2,312 2,344 2,320 2,328 2,336 2,296 2,352

Gene kanR

2,368 2.376 2,384 2.392 2,400 2,408 2,360 2,416

Gene kanR

GCGCAATACATGTTGACGAATTGGCTTGACAAGACCCATCGATTAGAGAAAGGAGGTAGCGGAATAACAT

2.440 2.448 2.456 2.464 2.472 2.480

Gene kanR kanR terminator

AAGCCGACGTATCTGTGCACGGTAAACATCTGAAAGCGTTGTTCTGTAGGCCAACCCCAGGGTAAAAATG

2.512 2.520 2.528 2.536 2.544 2.552 2.504 2.560

ACATGATAAACCACTACCATCGATGTTCGAAGACAGGTTAATATATACTTTCTGCGGCTTAGTCAGCTGC

2,632 2.576 2,584 2,592 2,600 2,608 2,616 2,624

GGCAGACAGTGCTATGGGCGTACATTCCTATGACACCTAACAACACGCGCCATAATGCGCTGGCACCGGT

2,648 2,656 2,664 2.672 2.680 2.688 2,696 2.640 2.704

CAAAATCTGAAACGCACGGCGTCCATCCCACGCTGCCGCT

2,720 2,728 2,736 2,712 2,744