



Gene kanR

AGGAATTGCCGAACACCGCCTAAGCTAGCTATGCTGAATGCGACTCACCATAACACGCTGTCTATTTGAT

2,296 2,304 2,312 2,320 2,328 2,336 2,344 2,352 2,360

Gene kanR

GATGCGTCGTGTGACTCGGGCCGCGCGCACCAAAGGACGGACAAATTCGACAATCCTGTTGATCGCCGGG

2,360 2,368 2,376 2,384 2,392 2,400 2,408 2,416 2,424

Gene kanR

GCGCAATACATGTTGACGAATTGGCTTGACAAGACCCATCGATTAGAGAAAGGAGGTAGCGGAATAACAT

2,432 2,440 2,448 2,456 2,464 2,472 2,480 2,488 2,496

Gene kanR kanR terminator

AAGCCGACGTATCTGTGCACGGTAAACATCTGAAAGCGTTGTTCTGTAGGCCAACCCCAGGGTAAAAATG

2,504 2,512 2,520 2,528 2,536 2,544 2,552 2,560 2,568

kanR terminator

ACATGATAAACCACTACCATCGATGTTCTGAAGACAGGTTAATATATACTTTCTGCGGCTTAGTCAGCTGC

2,576 2,584 2,592 2,600 2,608 2,616 2,624 2,632 2,640

AarI site

GGCAGACAGTGCTATGGGCGTACATTCTATGACACCTAACAACACGCGCCATAATGCGCTGGCACCGGT

2,640 2,648 2,656 2,664 2,672 2,680 2,688 2,696 2,704

CAAAATCTGAAACGCACGGCGTCCATCCCACGCTGCCGCT

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