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7.13 Experimental Microbial Genetics

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pT9

pT9 insert is a truncated form (1st 1142 nt) of *xxxY* from *P. aeruginosa* cloned into pPL17 using EcoRI(5') and BamHI (3')

Primers used to amplify insert from pTF2 (full *xxxY* clone):

5' EcoRI *xxxY* 825: (5' TO 3') **GGA ATT CCC GCC ACC ATG TCA ATG TCC**

(In bold is the EcoRI site, in italics is the RBS sequence, rest is coding sequence)

3' BamHI *xxxY* 1979: (5' TO 3') **CGG GAT CCA TGG GCG TCT TAA AGT TG**

(Rev Comp of 3' BamHI *xxxY* 1979: **CAACTTTAAGACGCCCATGGATCCCG**)

BamHI site is in bold, *xxxY* sequence is in italics and the additional T between *xxxY* sequence and BamHI site for maintaining correct reading frame for GFP fusion protein)

Insert sequence cloned:

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atgtccatgtccgacaacctttttctgacgatgaggtactttcaatttctcaagcccagaacagcgcgatcttctccgttctacctcaatatatcgc
ccatgtcccacggatcagacaattctcagattaatacagtcataaattcgaagaattgccctcaaatcaagcagacataagtttaaaaaa
ctctctggggctgctataaaaattgtaattcccttcacacaagaagaaagagaacacaaacgtaataatgccaaaaagacccctctca
ctaccaataactactgcaagcacttggtggcgccaaaagcagcatctcagaggggaaattgtcttctcctccgtccacctcacacacatatgag
gggaaattactcacaaaacttactcacacacacacagactttagaggcgccaaaacgagcgcgatgcaatgggaagttccccctctctcgca
cagcgacaatagcatagagaaaaatctgagttctccacaaaattggaccaaacgcttctccctccttctcatgcacacactcactagc
aatccactgatataagcttagaaagccgctcaaaacatcccgcttccaatacggacgcacgctctataaaagccaatgctaatgacaa
tggggaaattttctcctcactatacaaaattgacgaacgcaagcaagaggaaaggccttgcaactatcaacgctttttggtctatttttaaac
caagccggacgttactaaactaagtctaaagaggaaaccaccaatcccactaaaaactgggaaaaaatgcatctccctcataaaaag
agcgcttattatgccttccgctcaggatgatttaaatttaaattaaacccaaatctagcgccaagcccactgtggtgaattaccagctgcc
cgcatcctaagccggcctgcagccaagcgggatttattaaatcatcctcccgaagcccagacgagcgcctatgagttttcggaagt
ggtcgtggcacgggtcaattttgctggcaccctgtgtccggcactttaacgaaaactccaggcaagcgggacaacgacgatctggac
tgctccaactttaagacgccca
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