

# 534

# The Laboratories for Reproductive Biology

## PLASMID INFORMATION FORM

NAME: *Pq 4KM-1*

DESCRIPTION :

This expression vector was a mutant from Pq with aa <sup>Arg</sup>617/<sup>Lys</sup>618  
<sup>Lys</sup>632/<sup>Lys</sup>633 to met changes. PCR mutagenesis was used to create these  
changes with oligoes 4059/4060 (617/618 changes) (step 1); and 4031/  
4032 (632/633 changes) (step 2). PCR generated fragments were digested  
with Kpn/XbaI to insert back into Parent vector Pq cut & Kpn/XbaI.

ORIGINATOR:

*ZHou*

VECTOR:

*pcmv5*

VECTOR SIZE:

*4.2 Kb*

INSERT:

*See above*

INSERT SIZE:

*3.1 kb*

ANTIBIOTIC RESISTANCE:

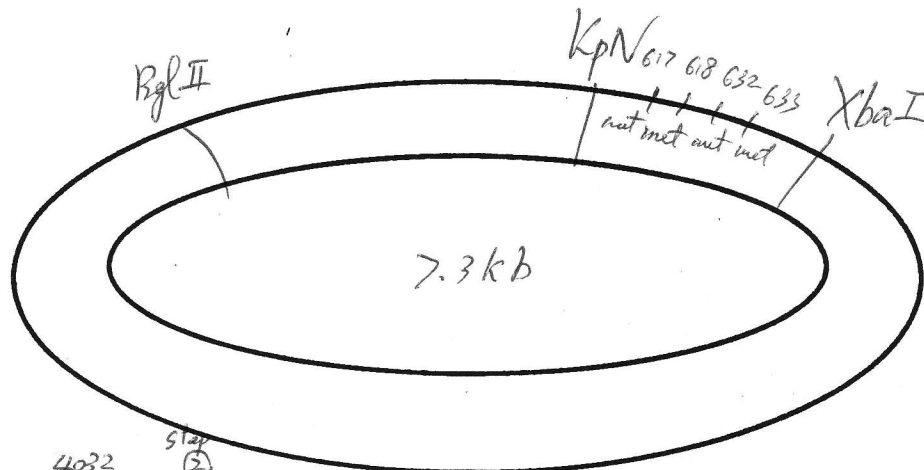
*Amp.*

HOST:

*DH5(α)*

RELEVANT INFORMATION:

NA CONCENTRATION:



REFERENCES:

1994 <sup>Step 1</sup>  
4060  
4059 ← 3006 ;

1994 <sup>Step 2</sup>  
4032  
4031 ← 3006