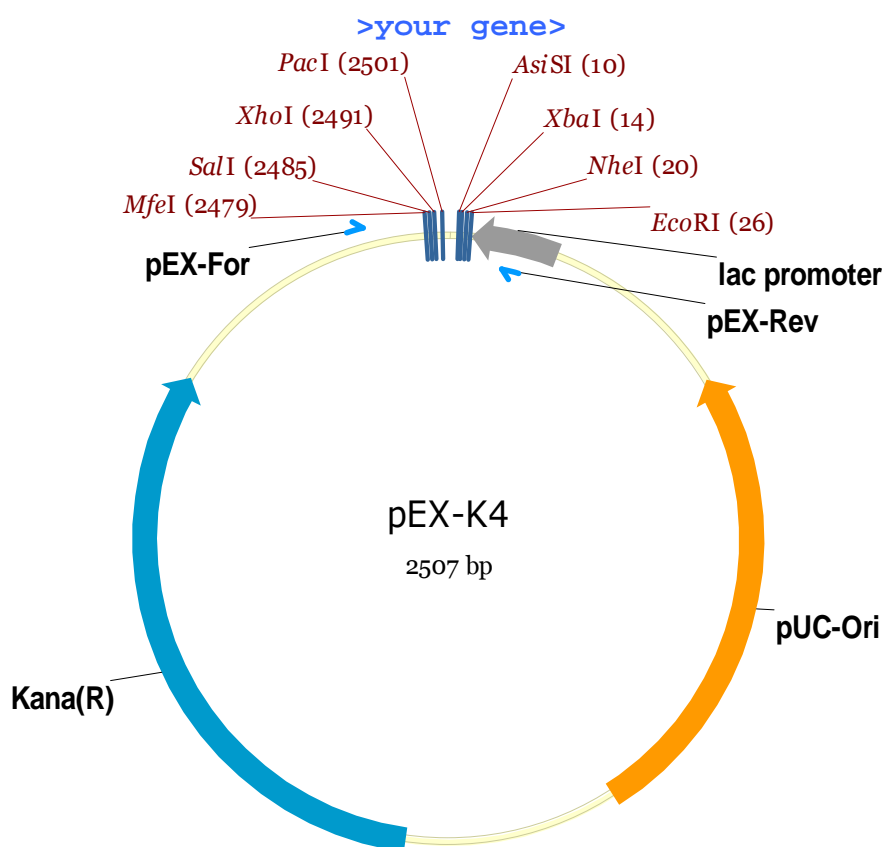


pEX-K4 vector map, multiple cloning site and full sequence



MCS of pEX-K4

```

GGAGCAGACAAGCCCGTCAGGGCGCGTCAGCGGGTGTGGCGGGTGTCCGGGC
TGGCTTAACTATGCGGCATCAGAGCAGATTGTACTGAGAGTGCACcaattgGT
CGACctcgagTTAATTAACGTA>your_gene>GTGGGCGATCGCtctagaGC
TAGCgaattcCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACG
AGCCGGAAGCATAAAGTGTAAGCCTG
    
```

Start point: gene insertion site

(G of GTGG 3' of "your gene" is bp no. 1)

Multiple Cloning Site: bases 2478-30

lac Promoter: bases 28-143

pUC origin: bases 404-1023

Kanamycin resistance ORF: bases 1309-2103

pEX-For priming site: bases 2380-2400

pEX-Rev priming site: bases 75-100

Full Sequence of pEX-K4 (2507 bp)

(1)

YOUR_GENE gtgggcgatcgctctagagctagcgaattcctgtgtgaaattgttatccgctcacia
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ta (2507)