

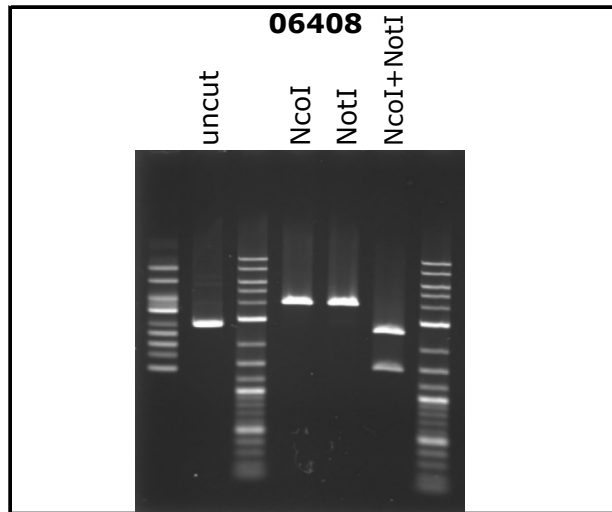
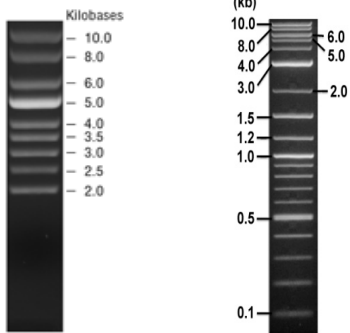


**RIKEN DNA BANK**

clone name : pRL-CMV mut1

- Clone ID : RDB \_ 06408
- Lot : 20124 \_ B3Ka
- DNA Concentration : 25 ng/μL
- Volume : 40 μL
- Form : DNA solution in TE buffer
- Host : DH5α
- Culture : LB medium
- Antibiotics : 100 μg/mL Ampicillin
- Purification : QIAGEN QIAprep Spin Miniprep kit
- Digestion by restriction enzyme

Supercoiled DNA Ladder 1 kb Plus DNA Ladder (NEB#N0472S)      Plus DNA Ladder (NEB#N3200L)



Electrophoresis : 100 ng DNA per lane ; 1% agarose gel , 1 x TAE Buffer

| Restriction enzyme | Expected size of fragment |     |
|--------------------|---------------------------|-----|
| <b>NcoI</b>        | <b>4.1</b>                | kbp |
| <b>NotI</b>        | <b>4.1</b>                | kbp |
| <b>NcoI+NotI</b>   | <b>2.6, 1.5</b>           | kbp |
|                    |                           | kbp |