

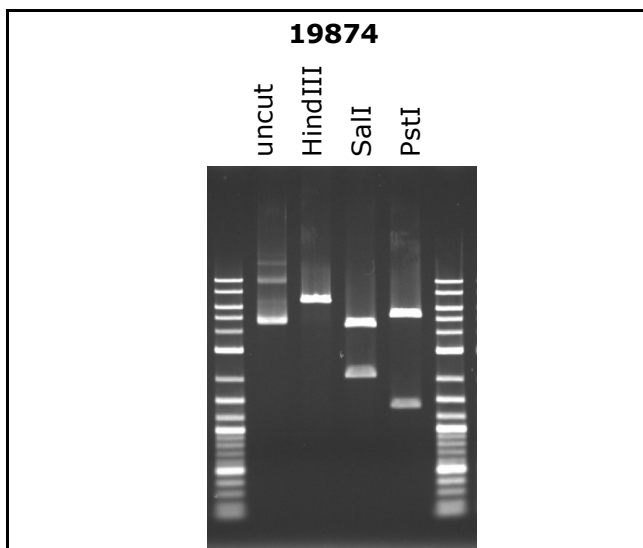
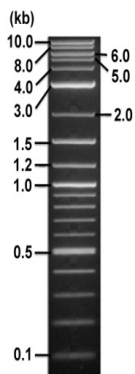


**RIKEN DNA BANK**

clone name : **CeNL/pcDNA3**

- **Clone ID** : RDB \_ 19874
- **Lot** : 19874 \_ B3Ac
- **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**

1 kb Plus DNA Ladder  
(NEB#N3200L),  
250 ng/well



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

| Restriction enzyme | Expected size of fragment |     |
|--------------------|---------------------------|-----|
| <b>HindIII</b>     | <b>6.6</b>                | kbp |
| <b>SalI</b>        | <b>4.4, 2.2</b>           | kbp |
| <b>PstI</b>        | <b>5.2, 1.4</b>           | kbp |
|                    |                           | kbp |