

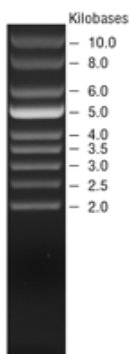


RIKEN DNA BANK

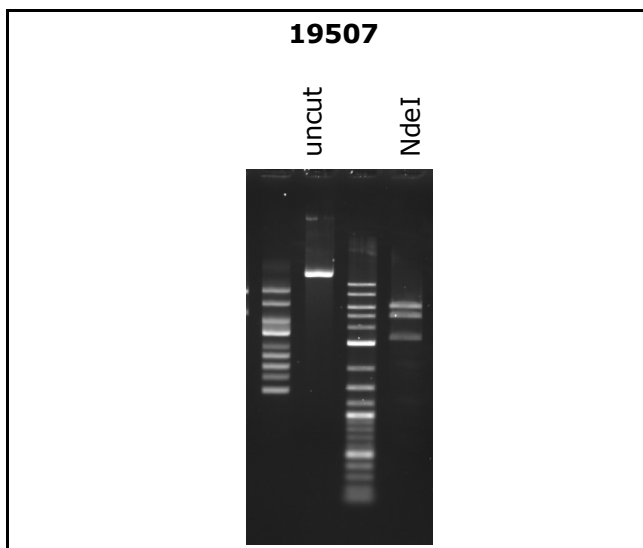
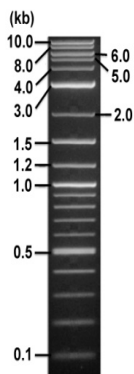
clone name : **pRK-HIEBI**

- **Clone ID** : RDB _ 19507
- **Lot** : 19507 _ B3lq
- **DNA Concentration** : 25 ng/μL
- **Volume** : 40 μL
- **Form** : DNA solution in TE buffer
- **Host** : DH5α
- **Culture** : LB medium
- **Antibiotics** : 12.5 μg/mL Tetracycline
- **Purification** : QIAGEN QIAprep Spin Miniprep kit
- **Digestion by restriction enzyme**

Supercoiled DNA Ladder
(NEB#N0472S)



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 | |
|--------------------|---------------------------|-----|
| NdeI | 6.3, 5.1, 3.4 | kbp |
| _____ | _____ | kbp |
| _____ | _____ | kbp |
| _____ | _____ | kbp |