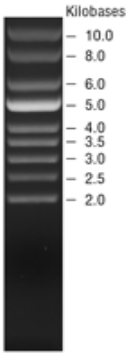
Gene Engineering Division
RIKEN BioResource Research Center

# RIKEN DNA BANK

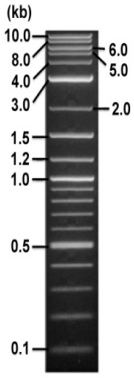
**clone name : pCAGGS-myc-shootin1a**

- **Clone ID** : RDB _ 19942
- **Lot** : 19942 _ B3Ha
- **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**

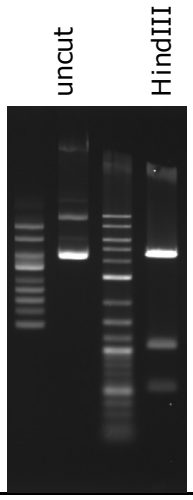
Supercoiled DNA Ladder (NEB#N0472S)




1 kb Plus DNA Ladder (NEB#N3200L),




**19942**




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

| Restriction enzyme | | Expected size of fragment | |
|---|---|---|---|
| **HindIII** | : | **4.5, 1.1, 0.5** | kbp |
| | : | | kbp |
| | : | | kbp |
| | : | | kbp |

GED, RIKEN BRC, Oct. 15 2024