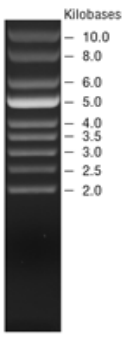
Gene Engineering Division
RIKEN BioResource Research Center

# RIKEN DNA BANK

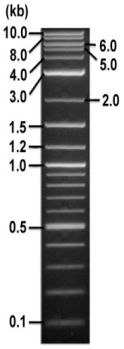
**clone name : pDUAL-HFG41**

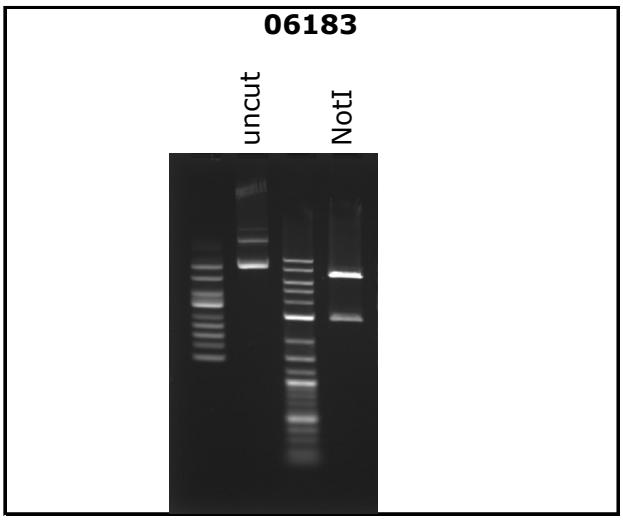
- **Clone ID** : RDB _ 06183
- **Lot** : 20202 _ B3Kh
- **DNA Concentration** : 25 ng/μL
- **Volume** : 40 μL
- **Form** : DNA solution in TE buffer
- **Host** : DH5α
- **Culture** : LB medium
- **Antibiotics** : 100 μg/mL Ampicillin
- **Purification** : QIAGEN QIAprep Spin Miniprep kit
- **Digestion by restriction enzyme**

Supercoiled DNA Ladder (NEB#N0472S)




1 kb Plus DNA Ladder (NEB#N3200L)




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

| Restriction enzyme | | Expected size of fragment | |
|---|---|---|---|
| **NotI** | : | **7.0, 2.9** | kbp |
| | : | | kbp |
| | : | | kbp |
| | : | | kbp |

GED, RIKEN BRC, Jan. 11 2024