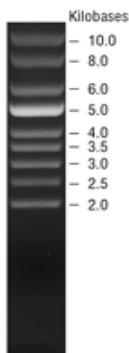


**RIKEN DNA BANK**

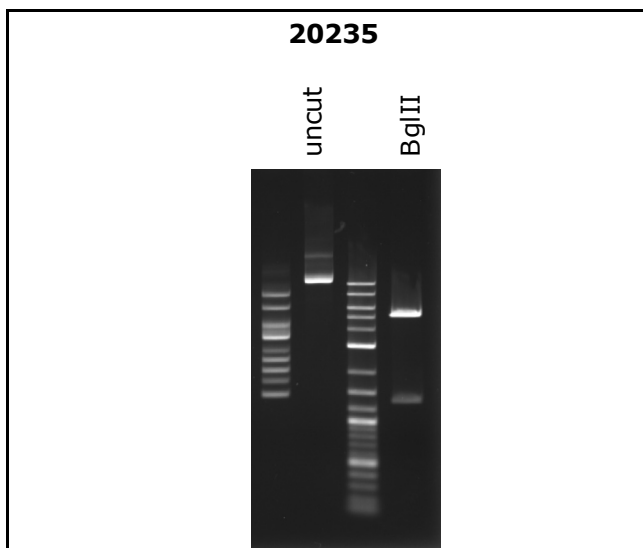
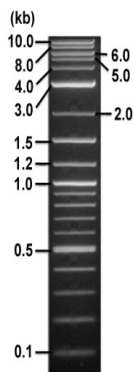
clone name : **pEGFP-C1-IFT54**

- **Clone ID** : RDB \_ 20235
- **Lot** : 20235 \_ B4Ac
- **DNA Concentration** : 25 ng/μL
- **Volume** : 40 μL
- **Form** : DNA solution in TE buffer
- **Host** : DH5α
- **Culture** : LB medium
- **Antibiotics** : 25 μg/mL Kanamycin
- **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 |     |
|--------------------|---------------------------|-----|
| <b>BglII</b>       | <b>5.2, 1.4</b>           | kbp |
|                    |                           | kbp |
|                    |                           | kbp |
|                    |                           | kbp |