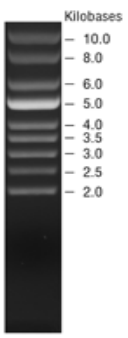
Gene Engineering Division
RIKEN BioResource Research Center

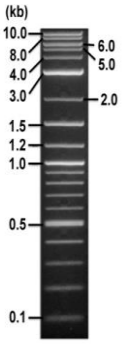
RIKEN DNA BANK Resource name : pg DQ1B

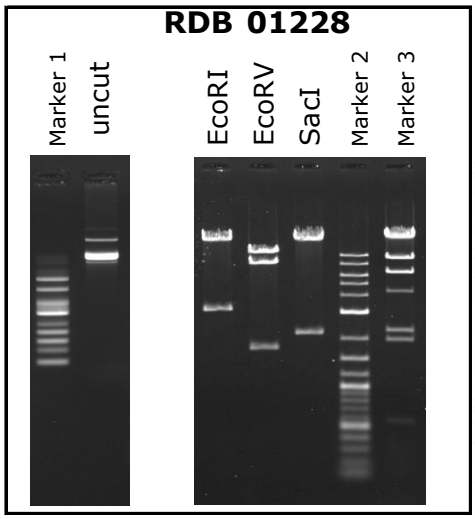
- **Resource ID** : RDB 01228
- **Lot** : 01228_B3Dc
- **DNA Concentration** : 25 ng/μL
- **Volume** : 40 μL
- **Form** : DNA solution in TE buffer
- **Host** : DH5α
- **Culture** : LB medium + 100 μg/mL Ampicillin, 37℃
- **Purification** : QIAGEN QIAprep Spin Miniprep kit
- **Electrophoresis Image(s)**

Marker 1
Supercoiled DNA Ladder
(NEB#N0472S)

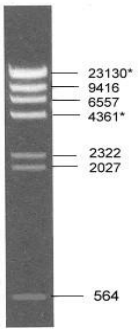


Marker 2
1 kb Plus DNA Ladder
(NEB#N3200L)





Marker 3
Lambda DNA/HindIII
Marker



Electrophoresis : 200 ng DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme		Expected size of fragment	
EcoRI	:	**17.3, 3.2**	kbp
EcoRV	:	**10.7, 8.0, 1.8**	kbp
SacI	:	**18.2, 2.2**	kbp

The full-length sequence of this resource has been verified by High Throughput Sequencing (HTS), and restriction enzyme analysis is therefore considered unnecessary. However, in some resources, restriction enzyme digestion images are provided solely as reference information.

GED, RIKEN BRC, Sep. 30 2025