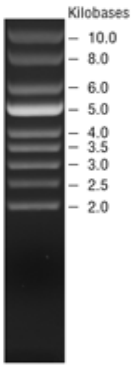
Gene Engineering Division
RIKEN BioResource Research Center

# RIKEN DNA BANK

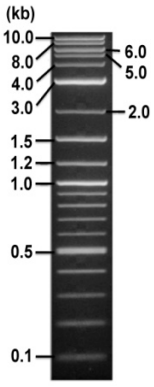
**Resource name : pCSII-CLDN6**

- **Resource ID** : RDB 21019
- **Lot** : 21019C0
- **DNA Concentration** : 25 ng/μL
- **Volume** : 40 μL
- **Form** : DNA solution in TE buffer
- **Host** : NEB stable
- **Culture** : LB medium + 100 μg/mL Ampicillin, 30°C
- **Electrophoresis Image(s)**

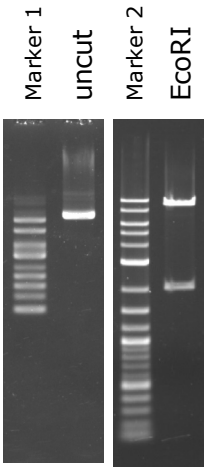
Marker 1
Supercoiled DNA Ladder
(NEB#N0472S)




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




**RDB 21019**




Plasmid size : **11.2** kbp

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

| Restriction enzyme | | Expected size of fragment | |
|---|---|---|---|
| **EcoRI** | : | **9.1, 2.1** | kbp |
| | : | | kbp |
| | : | | kbp |
| | : | | kbp |

Electrophoresis :

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, Nov. 19 2025