

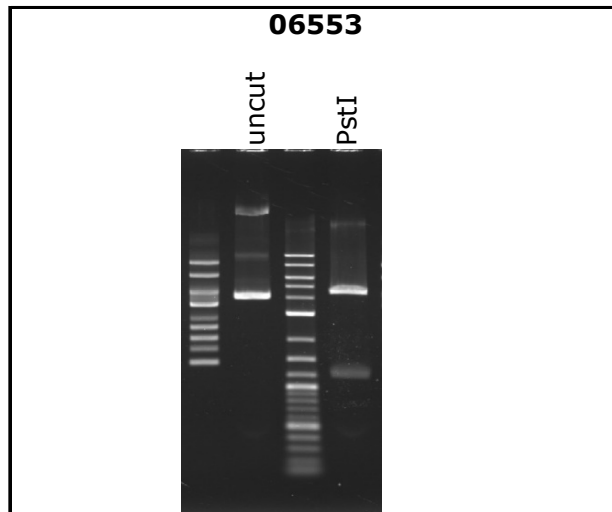
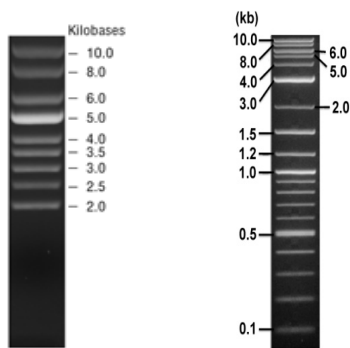


**RIKEN DNA BANK**

clone name : **pLYS1K**

- Clone ID : RDB \_ 06553
- Lot : 20200 \_ 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 1 kb Plus DNA Ladder (NEB#N0472S)      (NEB#N3200L)



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

| Restriction enzyme | Expected size of fragment |     |
|--------------------|---------------------------|-----|
| <b>PstI</b>        | : <b>4.4, 1.2</b>         | kbp |
|                    | :                         | kbp |
|                    | :                         | kbp |
|                    | :                         | kbp |