

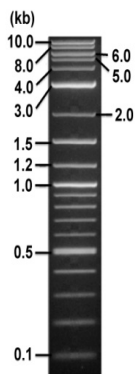


**RIKEN DNA BANK**

clone name : **Yellow Cameleon-Nano50/pcDNA3**

- **Clone ID** : RDB \_ 19878
- **Lot** : 19878 \_ B3Ac
- **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**

1 kb Plus DNA Ladder  
(NEB#N3200L),  
250 ng/well



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

Restriction enzyme	Expected size of fragment	
<b>BamHI</b>	<b>7.4</b>	kbp
<b>EcoRV</b>	<b>6.5, 0.9</b>	kbp
<b>BglII</b>	<b>5.3, 2.1</b>	kbp
		kbp