

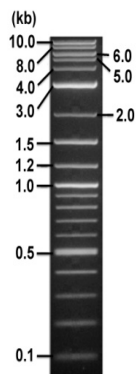


**RIKEN DNA BANK**

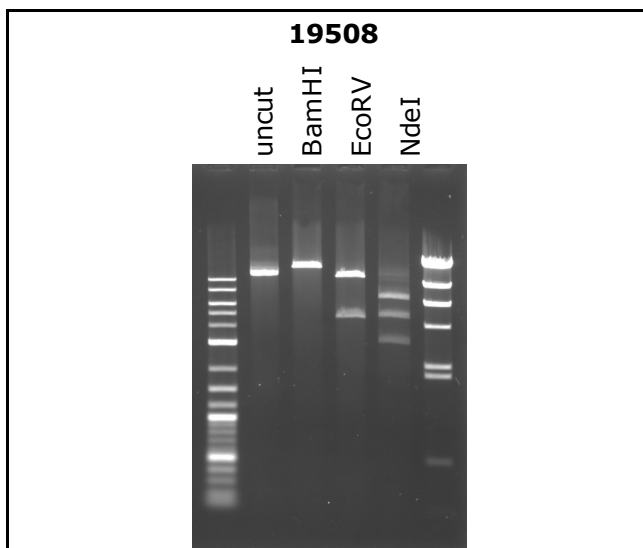
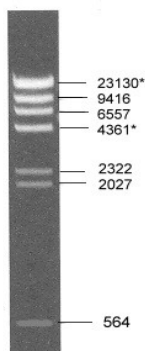
clone name : **pRK-HIEBIY**

- **Clone ID** : RDB \_ 19508
- **Lot** : 19508 \_ B2Dr
- **DNA Concentration** : 25 ng/μL
- **Volume** : 40 μL
- **Form** : DNA solution in TE buffer
- **Host** : DH5α
- **Culture** : LB medium
- **Antibiotics** : 12.5 μg/mL Tetracycline
- **Purification** : QIAGEN QIAprep Spin Miniprep kit
- **Digestion by restriction enzyme**

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



Lambda DNA/HindIII  
Marker



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

Restriction enzyme	Expected size of fragment	
<b>BamHI</b>	<b>16.0</b>	kbp
<b>EcoRV</b>	<b>11.1, 4.9</b>	kbp
<b>NdeI</b>	<b>7.4, 5.2, 3.4</b>	kbp
		kbp