

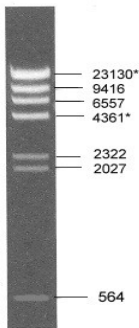


**RIKEN DNA BANK**

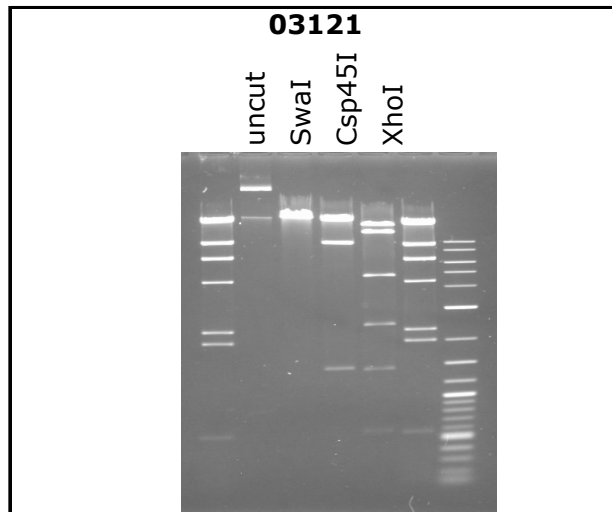
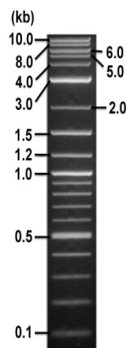
clone name : pAxCAwtit

- Clone ID : RDB\_03121
- Lot : 20279\_B4D1
- 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

Lambda DNA/HindIII Marker



1 kb Plus DNA Ladder (NEB#N3200L)



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

Restriction enzyme	Expected size of fragment	
<b>SwaI</b>	<b>45.0</b>	kbp
<b>Csp45I</b>	<b>33.6, 9.9, 1.5</b>	kbp
<b>XhoI</b>	<b>21.2, 14.5, 4.8, 2.5, 1.4, 0.6</b>	kbp
		kbp