

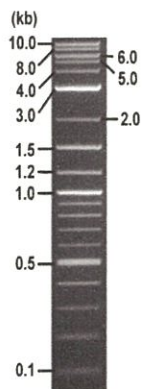


RIKEN DNA BANK

clone name : Smad4-pcDNA1.1Amp

- Clone ID : RDB _ 02854
- Lot : 13955 _ A6Bg
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : DH5 alpha
- Culture : LB medium
- Antibiotics : 100 microgram/ml Ampicillin
- Purification : QIAGEN QIAprep Spin Miniprep kit
- Digestion by restriction enzyme

2-Log DNA Ladder
(NEB#N3200L),
125 ng/well



Electrophoresis : 87 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

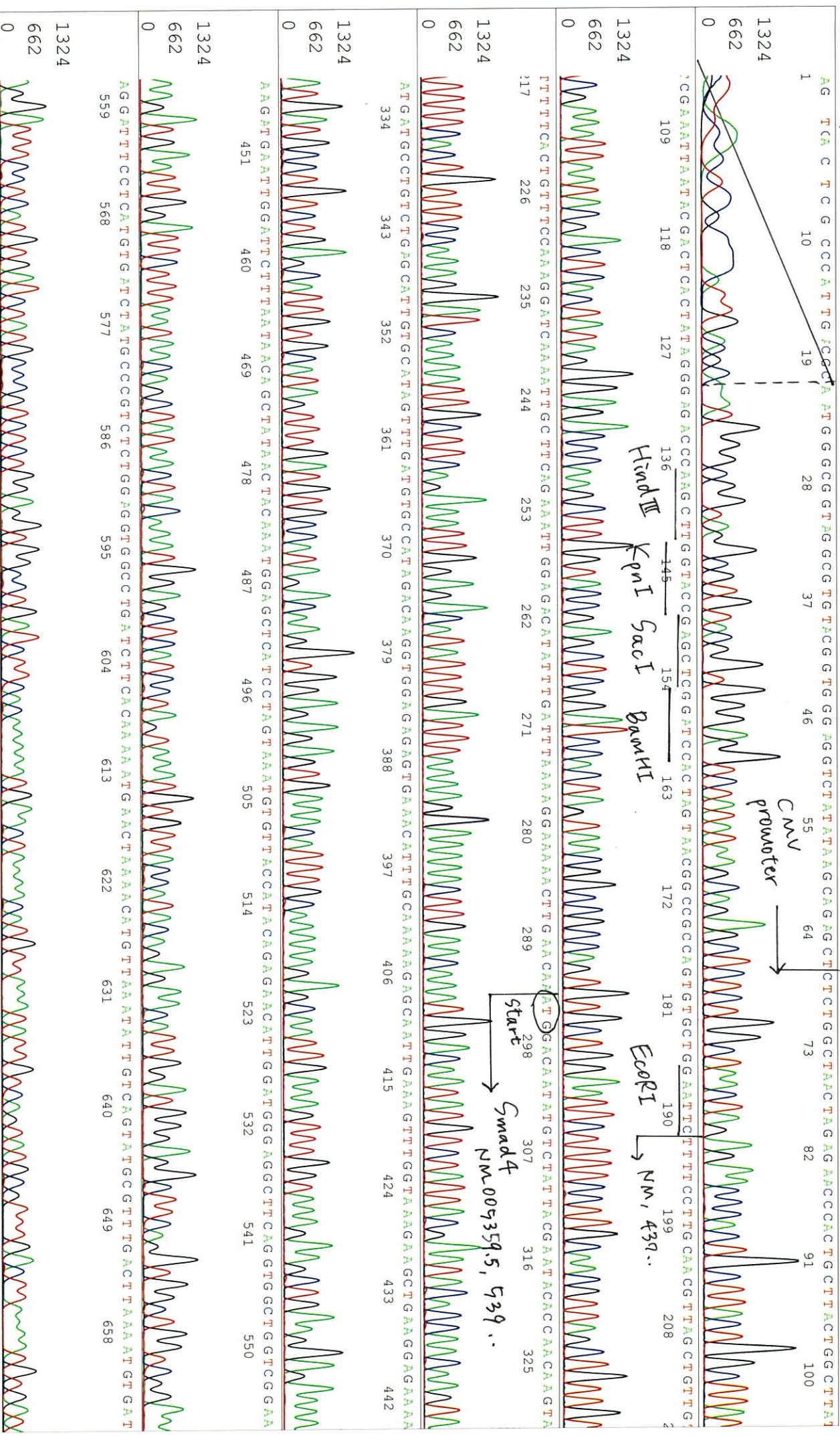
Restriction enzyme	Expected size of fragment
<u>EcoRI</u>	<u>6.5</u> kbp
<u>XhoI</u>	<u>6.5</u> kbp
<u>EcoRI + XhoI</u>	<u>4.7, 1.8</u> kbp
_____	_____ kbp
_____	_____ kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	CMV-Forward	Sequence - E	-
Sequence - B	pMAMneo-Reverse	Sequence - F	-
Sequence - C	-	Sequence - G	-
Sequence - D	-	Sequence - H	-



APPROVED BY :



Part I

