

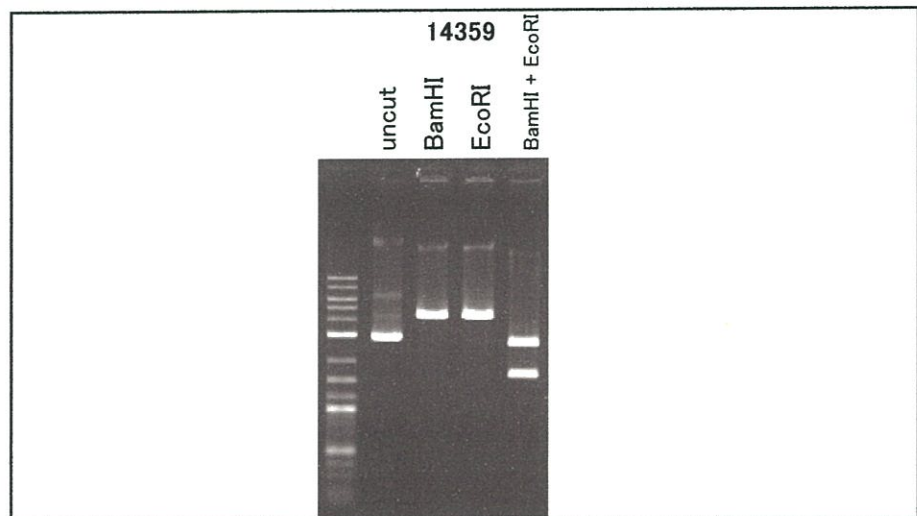
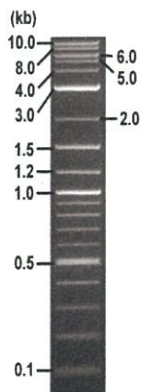


**RIKEN DNA BANK**

clone name : pPmatLuc1

- Clone ID : RDB \_ 14359
- Lot : 14359 \_ A6Jc
- 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 : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

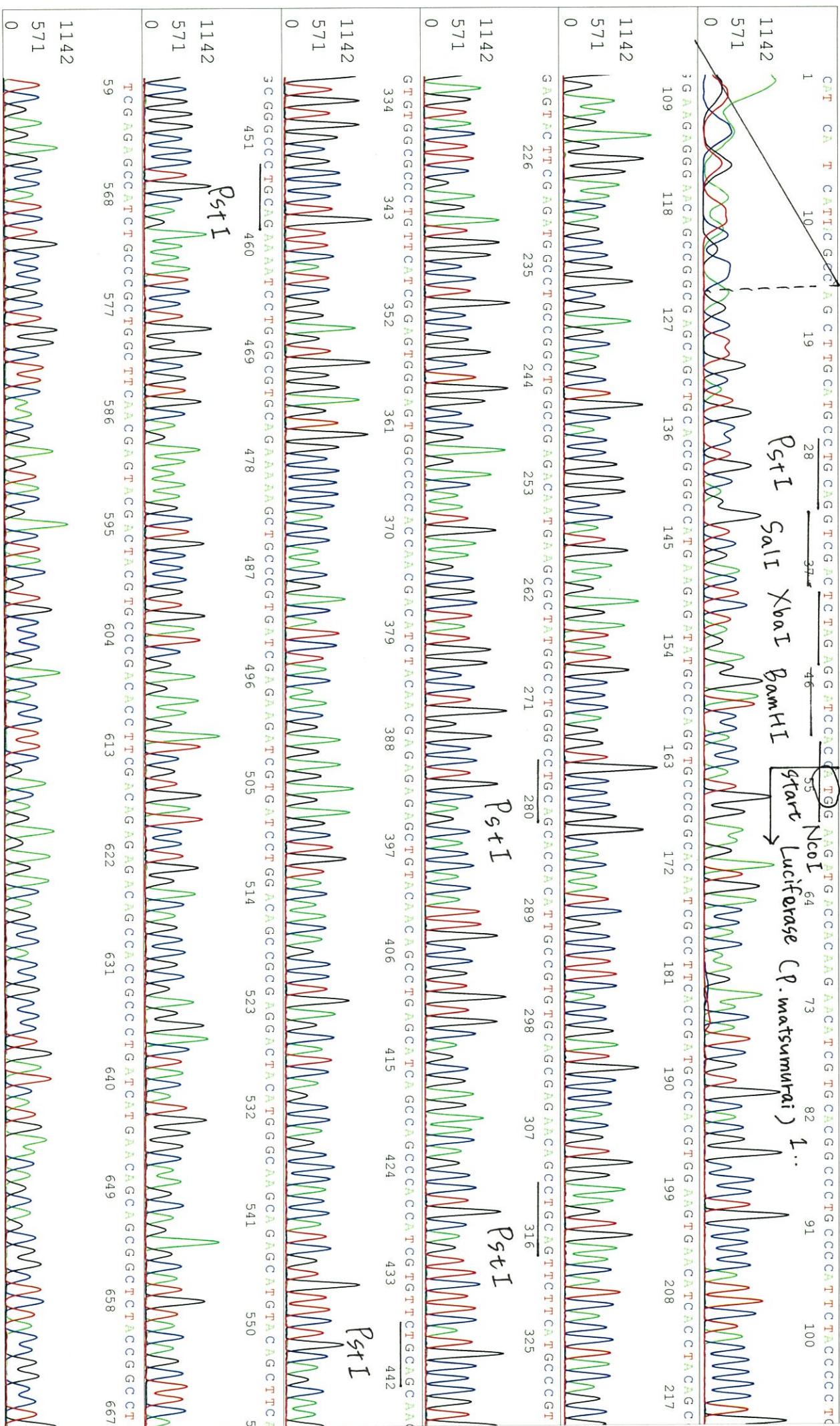
Restriction enzyme	Expected size of fragment
<u>BamHI</u>	<u>4.3</u> kbp
<u>EcoRI</u>	<u>4.3</u> kbp
<u>BamHI + EcoRI</u>	<u>2.7, 1.7</u> kbp
_____	_____ kbp
_____	_____ kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	Reverse2	Sequence - E	-
Sequence - B	pUC-M13_-100	Sequence - F	-
Sequence - C	-	Sequence - G	-
Sequence - D	-	Sequence - H	-

APPROVED BY :











S/N G:85 A:52 T:73 C:113

primer name  $\beta$  : pUC-M13\_-100

KB\_3500\_POP7\_BDTV3.mob

Nov 01, 2016 02:14PM, JST

KB 1.4.1.8 Cap:1

5'-ATTACGCCAGCTGGCGAAAGG-3'

Pts 1506 to 12663 Pk1 Loc:1483

Spacing: 11.29 Pts/Panel1350

Version 6.0 HiSQV Bases: 948

*EcoRI* stop Luciferase (P.matsumurai) (647..cc)

