

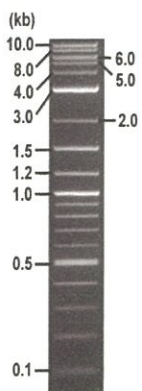


**RIKEN DNA BANK**

clone name : pET21c\_Tr-egl1-His

- Clone ID : RDB \_ 08288
- Lot : 08288 \_ A6G4
- 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>BglII</u>       | <u>6.8</u> kbp            |
| <u>EcoRV</u>       | <u>4.8, 1.9</u> kbp       |
| <u>XhoI</u>        | <u>6.0, 0.7</u> kbp       |
|                    |                           |
|                    |                           |
|                    |                           |

● Confirmation of the insertion sequence

| Sequence name | Primer name | Sequence name | Primer name |
|---------------|-------------|---------------|-------------|
| Sequence - A  | T7_20bp     | Sequence - E  | -           |
| Sequence - B  | f1ori_R3    | Sequence - F  | -           |
| Sequence - C  | pGL3_RV4    | Sequence - G  | -           |
| Sequence - D  | -           | Sequence - H  | -           |



APPROVED BY :

S/N G:621 A:442 T:483 C:737

primer name A : T7\_20bp

KB\_3500\_POP7\_BDTV3.mob

Jul 07,2016 06:14PM, JST

KB: bcp

5'-TAATACGACTCACTATAGGG-3'

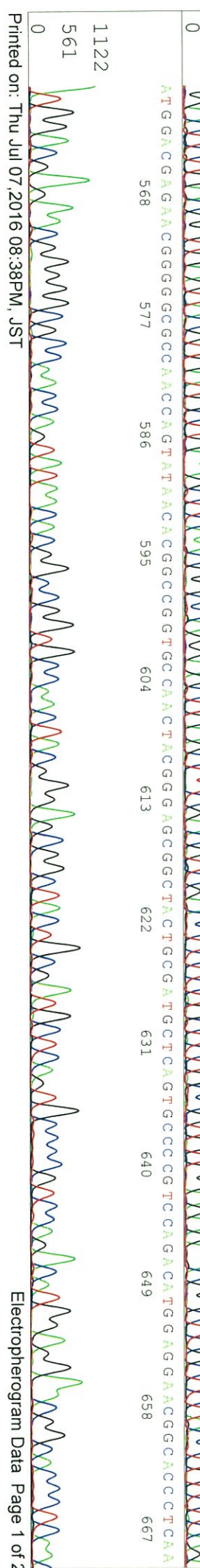
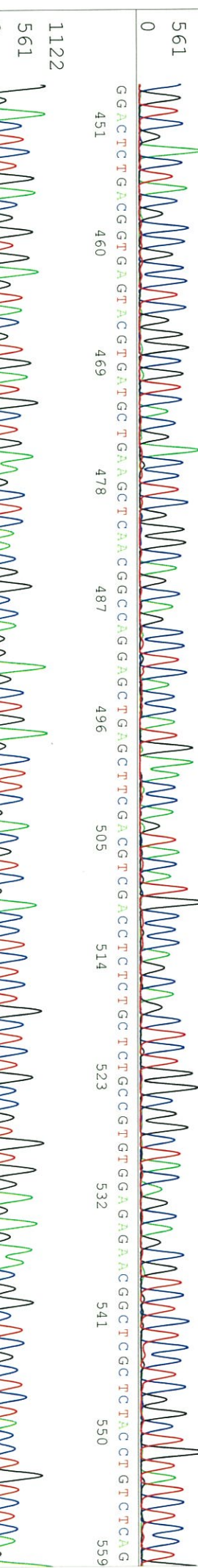
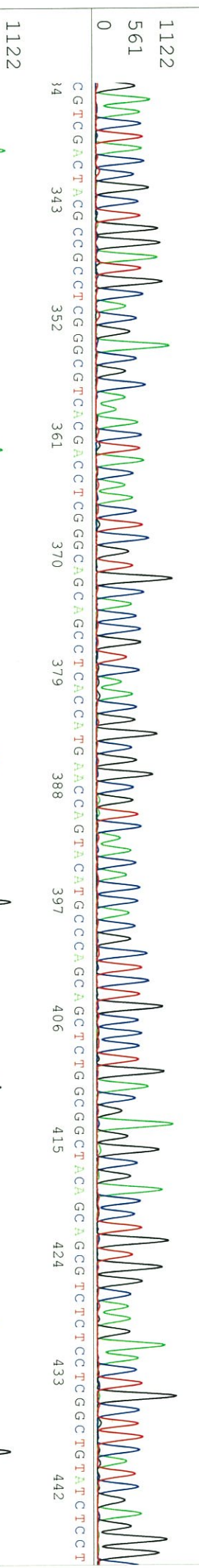
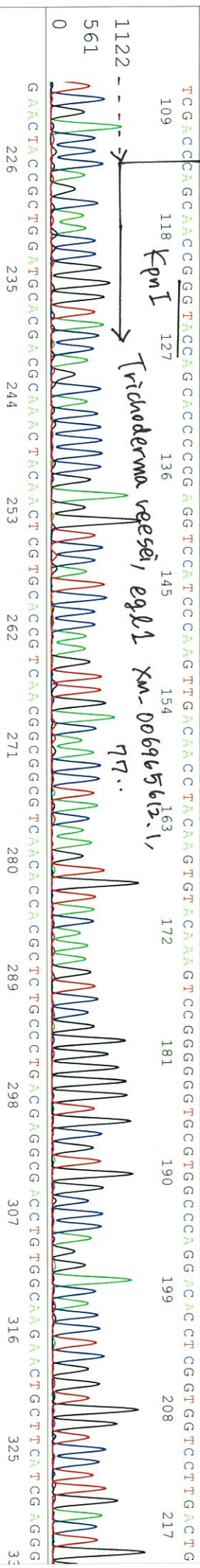
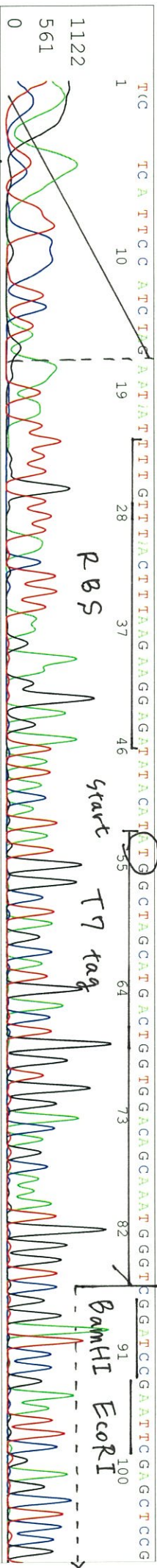
Pts 1391 to 12801 PK1 Loc:1368

Jul 07,2016 06:40PM, JST

KB 1.4.1.8 Cap:1

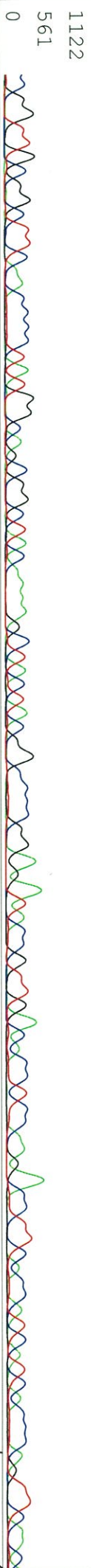
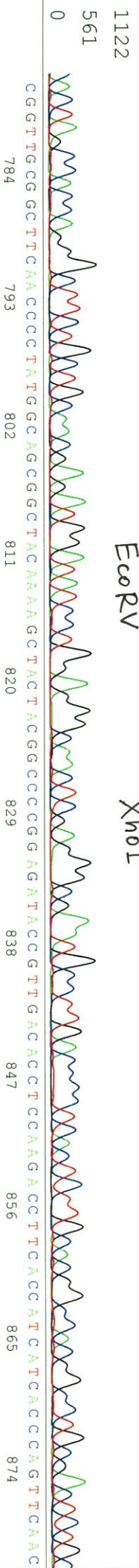
Version 6.0 HiSeqV Bases: 987

Spacing:1.38 Pts/Panel1350  
Plate Name: 20160707\_mlx

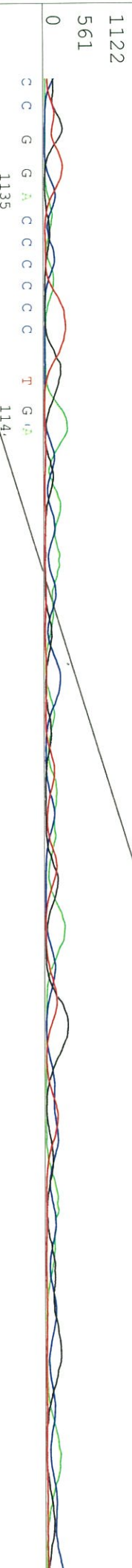
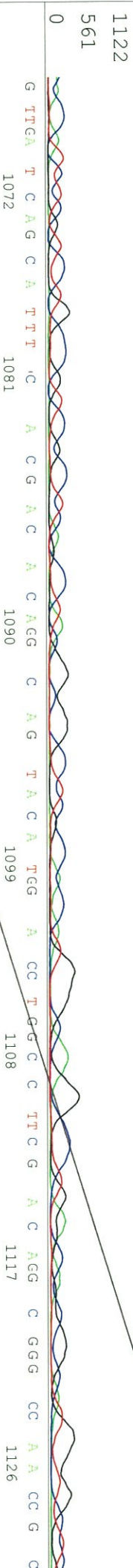
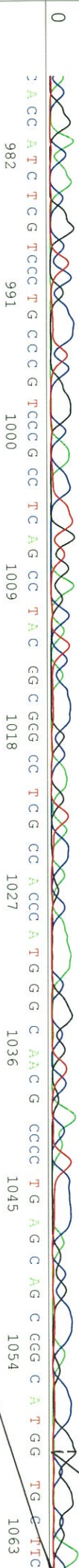


C A C T A G C C C A C C A G G G C T T C T G C C A A C G A G A T G G A T A T C C T G G A G G G C A A C T C G A G G G C G A A T G C C T T G A C C C C T C A C T C T T G C A C G G C C A C G G C C T G C G A C T C T G C

EcoRV XhoI



XN, .933

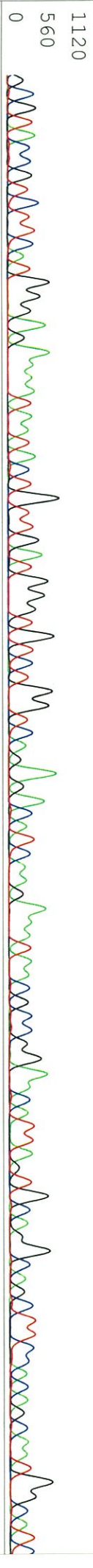






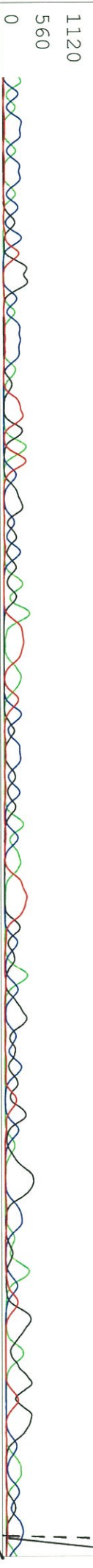


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MluI

: C T G G T C A T C C A G C G G A T A G T T A A T G A T C A G C C C A C T G A C G C G T T G C G G A G A A G A T T G T G C A C C G C C G C G C T T T A C A G G C T T C G A C C G C G C T T C G T T C T A C C A T C G G



A A T C A G C A A C G A C T G T T T G C C C G C C C A G T T T G T T G T G C C A C G C G G T T T G G A A T G T A A A T C C G C G C A A A T T T G C G A C G G C G A C T G C A G G C C A G A C T G G A G G T G G C A A C C G C C



T C C C G G C C G G T T T T T C G C A G A A A C G T T C G C T A C T G G C T C A A C C A A C G C G G G C A A A C G G A T C T G A A T A A G

