

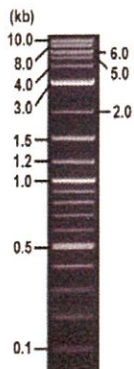


RIKEN DNA BANK

clone name : pBRPyCAG-Klf9(2)-IP

- Clone ID : RDB_10847
- Lot : 10847_A8Et
- 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),
250 ng/well



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

| Restriction enzyme | Expected size of fragment |
|--------------------|---------------------------|
| XhoI | 8.1 kbp |
| BamHI | 5.5, 2.2, 0.3 kbp |
| PstI | 5.4, 2.7 kbp |
| | kbp |
| | kbp |

● Confirmation of the insertion sequence

| Sequence name | Primer name | Sequence name | Primer name |
|---------------|-------------|---------------|-------------|
| Sequence - A | pAxCA_F1 | Sequence - E | - |
| Sequence - B | CSII-CMV3' | Sequence - F | - |
| Sequence - C | CMV_en_R | Sequence - G | - |
| Sequence - D | BGH_rev2 | Sequence - H | - |



APPROVED BY :

S/N G:296 A:404 T:333 C:665

primer name A : paxCA_F1

KB: bcp

Jun 13, 2018 04:37PM, JST

KB 1.4.1.8 Cap:9

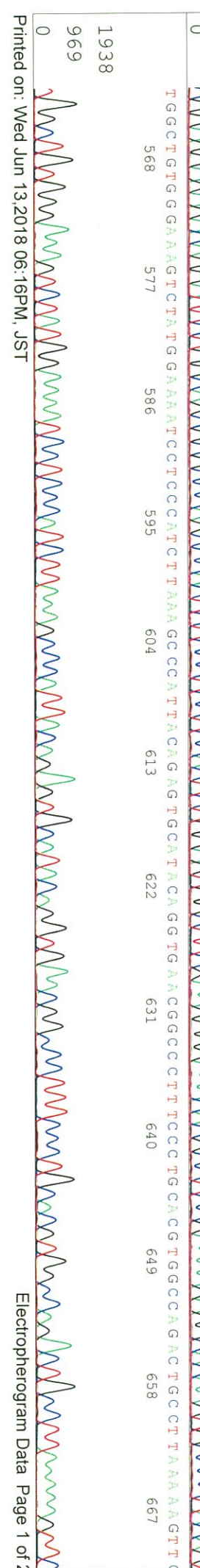
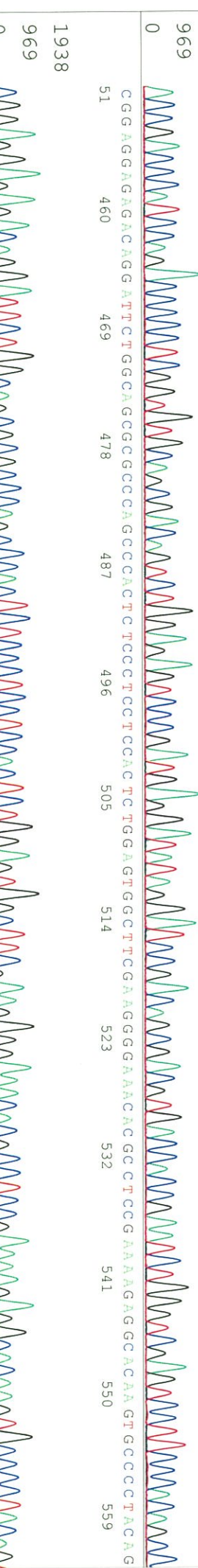
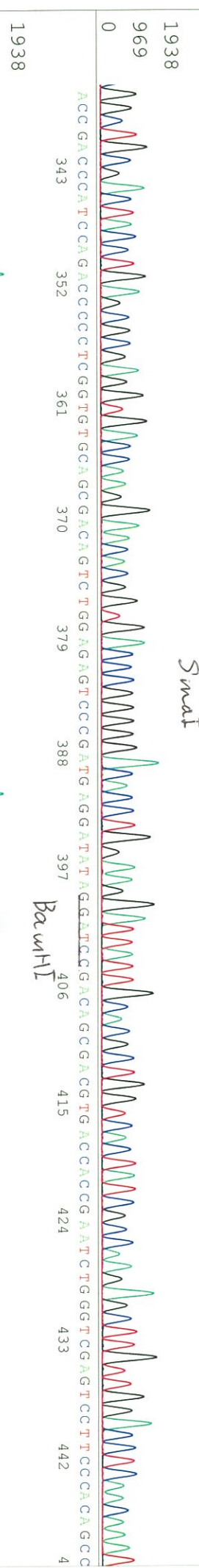
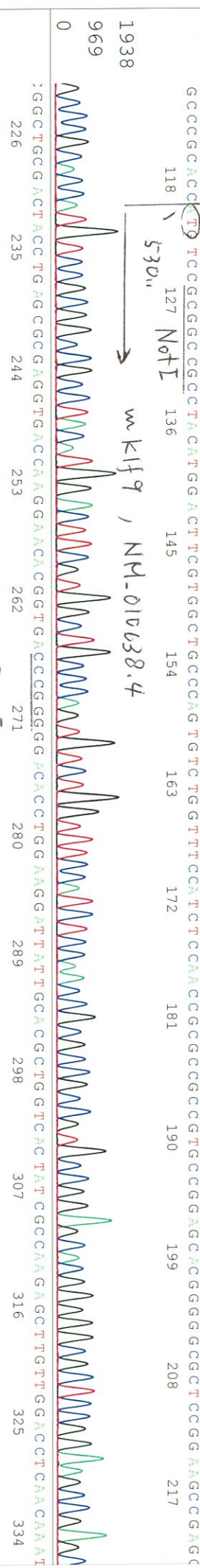
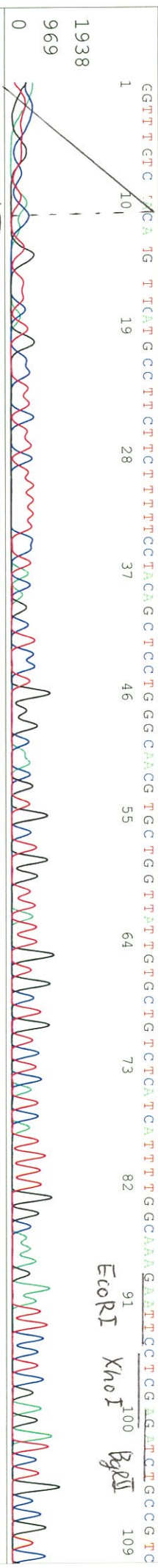
5'-GCCTTCTGGCGGTGTGACCGGC-3'

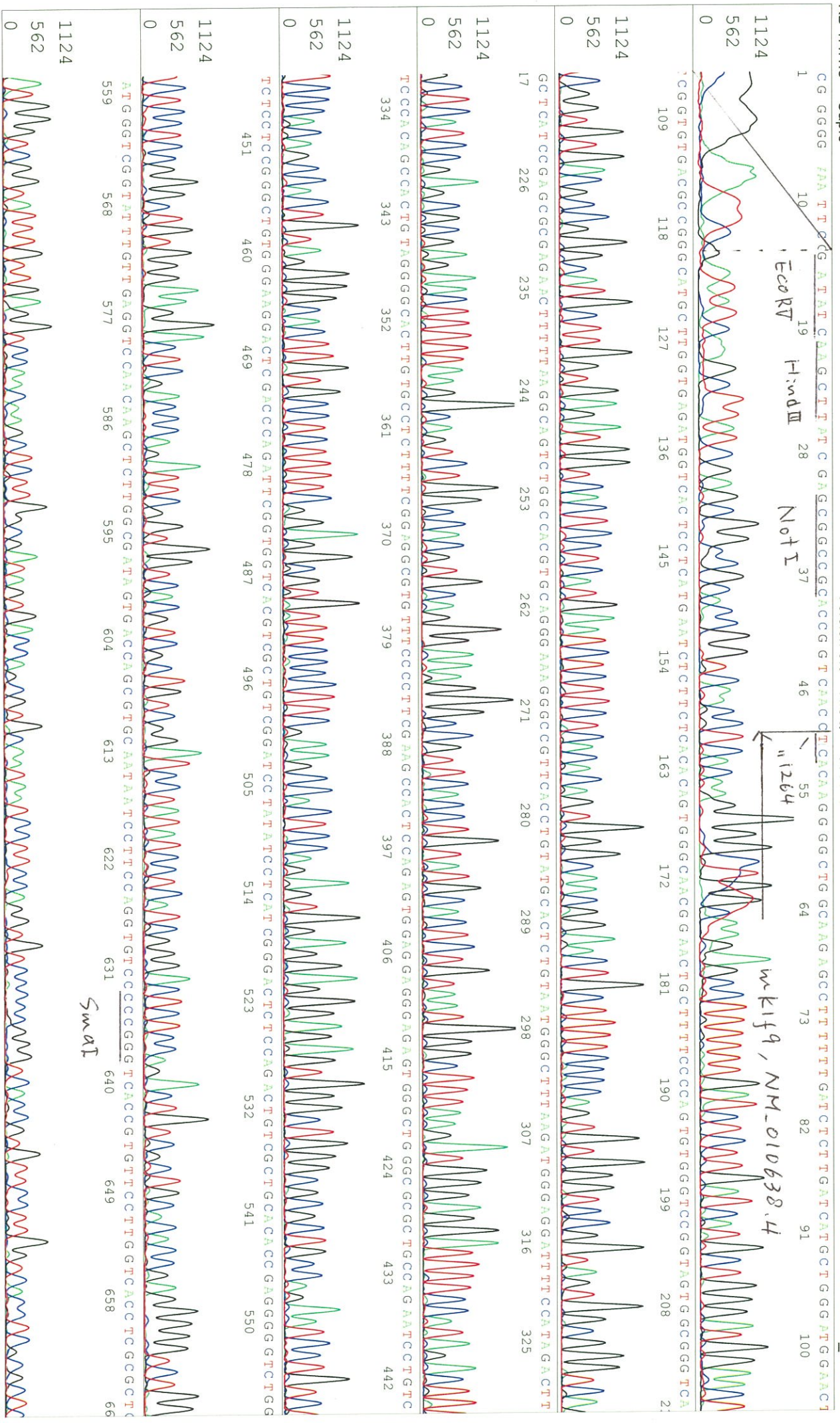
Pls 1534 to 12115 PK1 Loc:1511

Spacing:10.71 Pts/Panel1350

Version 6.0 HiSeqV Bases: 956

EcoRI XhoI BglII





S/N G:37 A:36 T:36 C:47

10847_10847_A8Et_2_CSII-CMV3'

Jun 05,2018 05:03PM, JST

KB.bcp

KB_3500_POP7_BDTV3.mob

Jun 05,2018 05:31PM, JST

KB 1.4.1.8 Cap:6

Pts 1600 to 12337 Pk1 Loc:1600

Spacing:10.96 Pts/Panel1350

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

1124

562

0 G G C C G C G G A C A T D G G T G C G G G C G A C G G C A G A T C T C G A G G A A T G A T G A G A C A G C A C A A T A A C C A G C A C G T T G C C C A G G A G C T G T A G G

1124

562

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

1124

562

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

1124

562

0 A G G C C C A T C C C C G G C A A T T T C C T T T C C T G G (T) G G C G C C C G C A A C C C T (T) 1054 1063 1072 1081 1090

1124

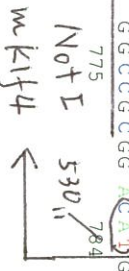
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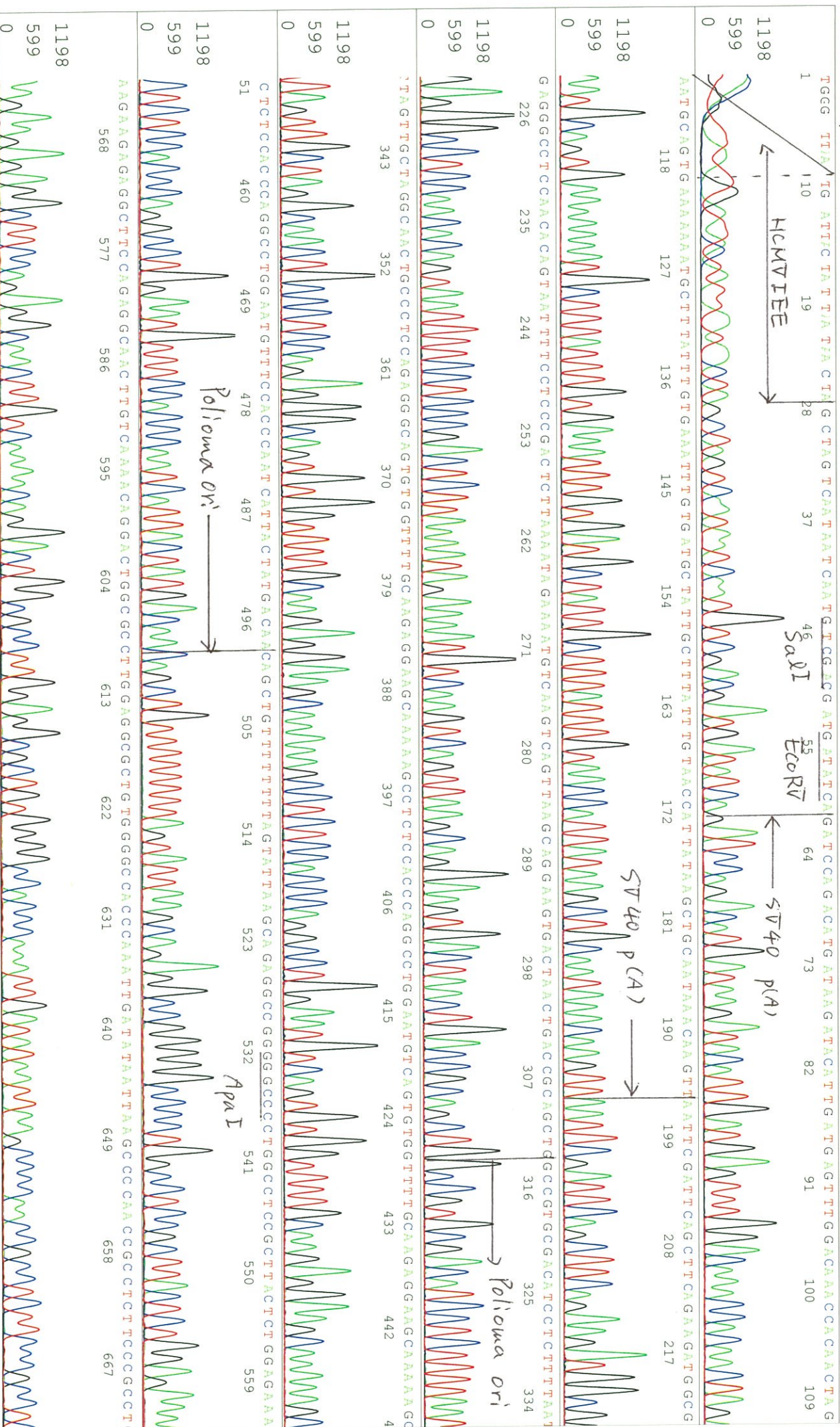
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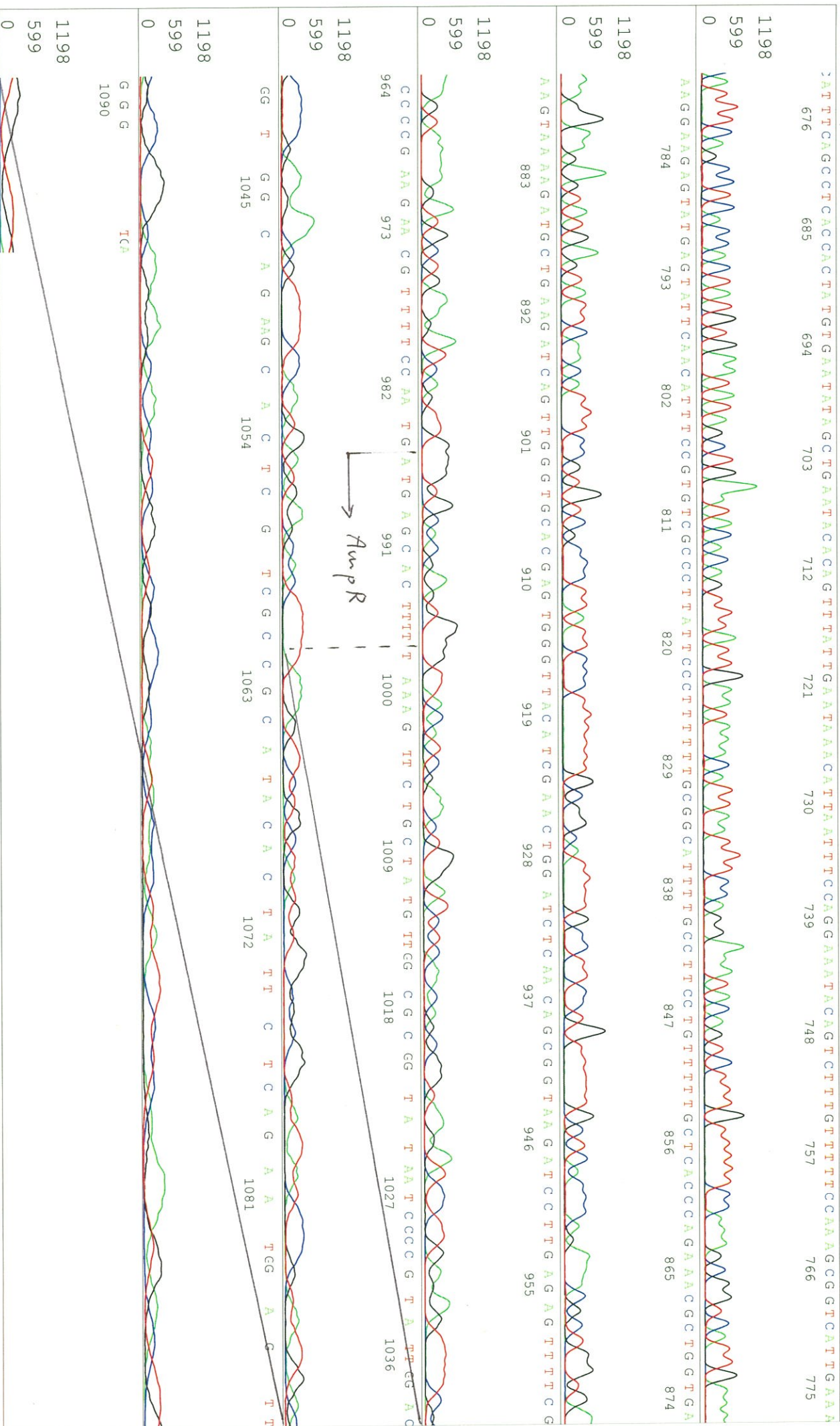
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DgeII XhoI EcoRI





S/N G:231 A:187 T:189 C:392

10847_10847_A8Et_2_BGH_rev2

KB_3500_POP7_BDTV3.mob

Pis 1468 to 12263 Pk1 Loc:1445

Version 6.0 HiSQV Bases: 953

Jun 05,2018 05:03PM, JST

Jun 05,2018 05:31PM, JST

Spacing:10.88 Pts/Panel1350

Plate Name: 20180606_dhbank

KB 1.4.1.8 Cap:12

AACGGGGGGGGAGGGGTAGCGTACCGCCCTTGGGGACGTCCGTCCGGGTGGCGAGCGCCACCGTTGGCCTTGTACTCGGTCTGGTGGCCATATTATCATCGT

Puro R ← IRES ←

