

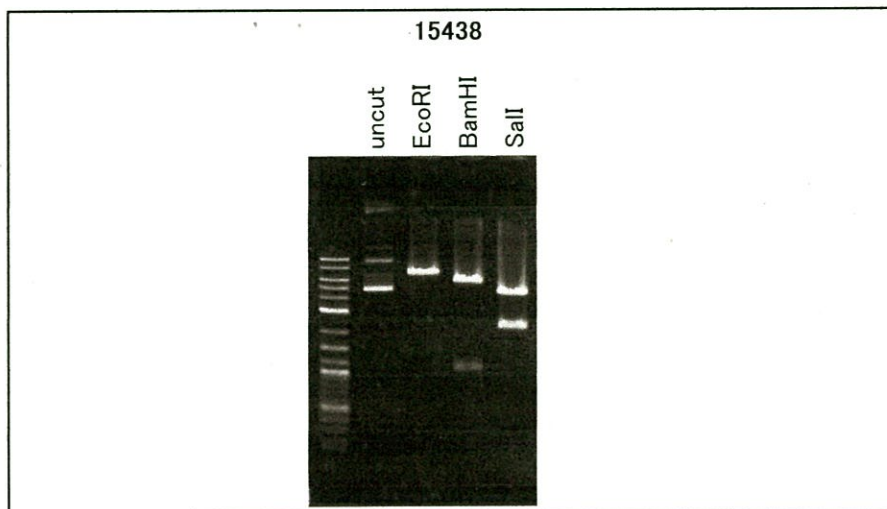
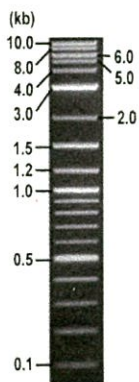


RIKEN DNA BANK

clone name : pcDNA3.1(+)-Tgfb1

- Clone ID : RDB _ 15438
- Lot : 15438 _ A7Jg
- 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>EcoRI</u>	<u>6.6</u> kbp
<u>BamHI</u>	<u>5.6, 1.0</u> kbp
<u>SalI</u>	<u>4.5, 2.2</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	BGH_rev2	Sequence - F	-
Sequence - C	SV40pro_F	Sequence - G	-
Sequence - D	-	Sequence - H	-



APPROVED BY :

S/N G:297 A:250 T:190 C:294

primer name **A** : CMV-Forward

KB_bcp KB_3500_POP7_BDTV3.mob

Dec 06,2017 10:19AM, JST

KB 1.4.1.8 Cap:3

5'- GCACCAAAATCAACGGGACTT -3'

Pis 1526 to 12846 PK1 Loc:1503

Dec 06,2017 10:45AM, JST

Version 6.0 HiSeqV Bases: 963

CMV promoter → Sac I

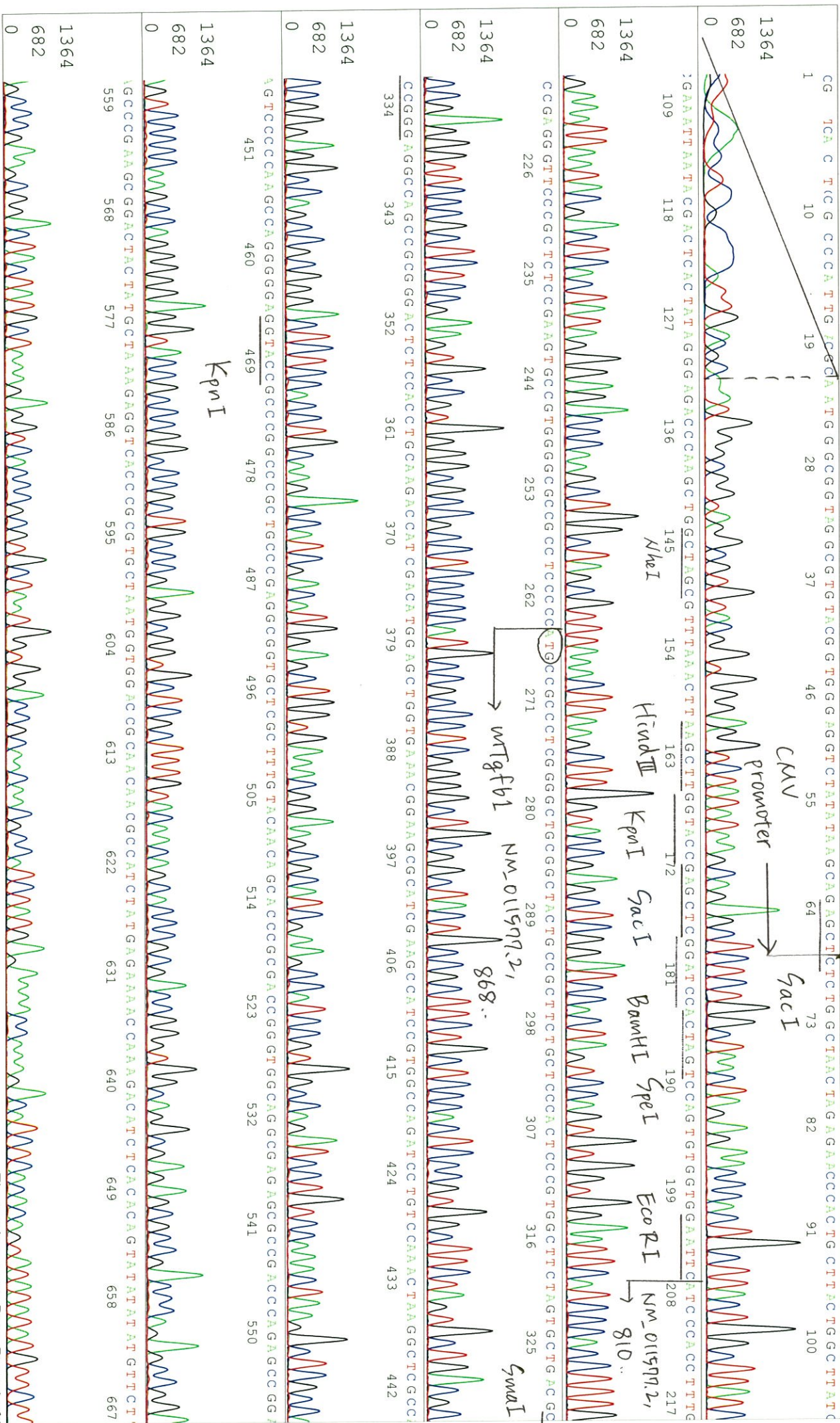
Hind III Kpn I Sac I BamHI SpeI

Eco RI → 810..

WTgfb1

NM_011599.2, 868..

SmaI



Kpn I

S/N G:297 A:250 T:190 C:294

D04886A1_A7Jg_1_CMV-Forward

Dec 06,2017 10:19AM, JST

KB.bcp

KB_3500_POP7_BDTV3.mob

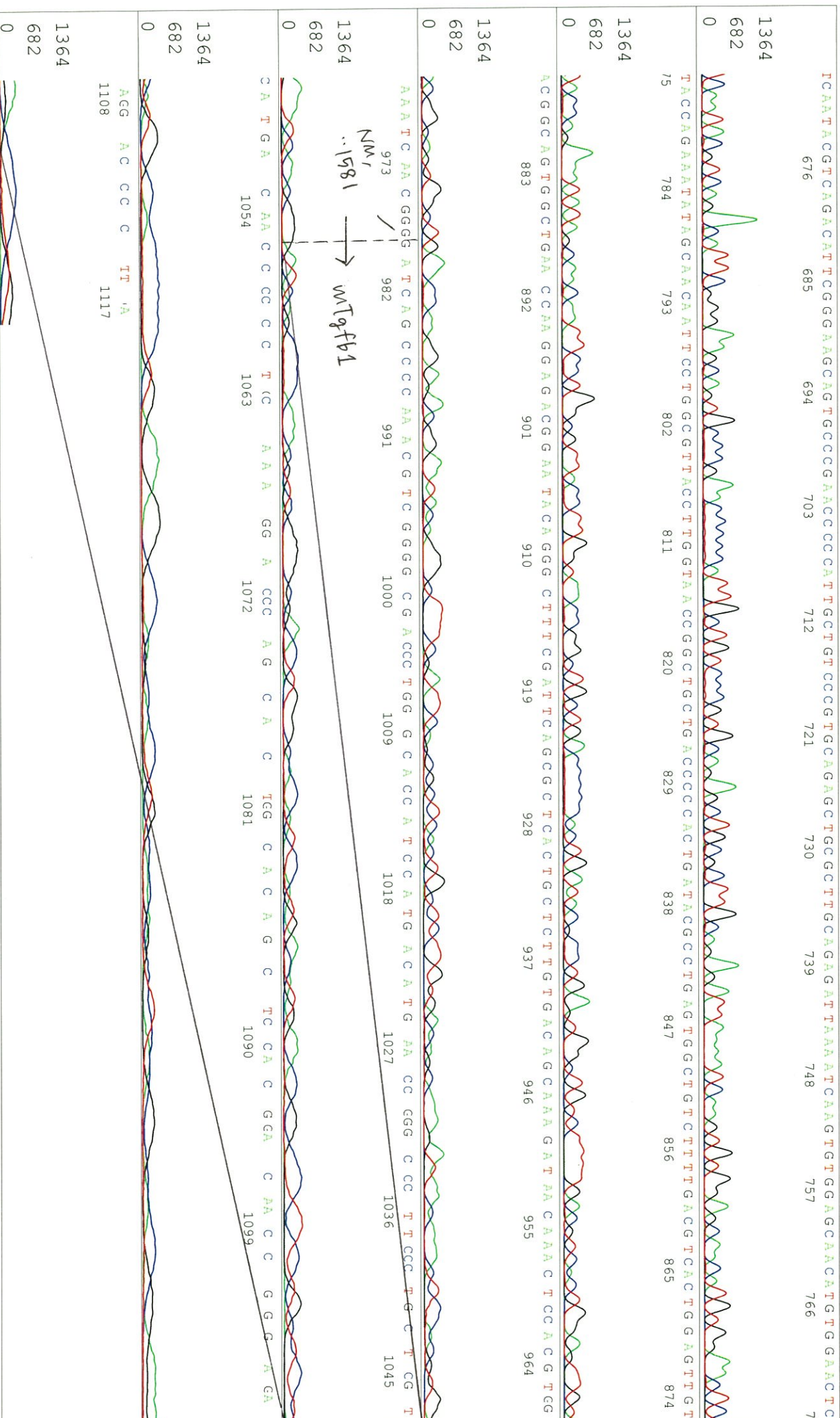
Dec 06,2017 10:45AM, JST

KB 1.4.1.8 Cap:3

Pts 1526 to 12846 PK1 Loc:1503

Spacing:11.52 Pts/Panel1350

Version 6.0 HISQV Bases: 963



SN G:372 A:280 T:217 C:335

primer name β : BGH_rev2

KB_3500_POP7_BDTV3.mob

Dec 06, 2017 10:19AM, JST

KB.bcp

5'- TATTAGGAAAGGACAGTGGG -3'

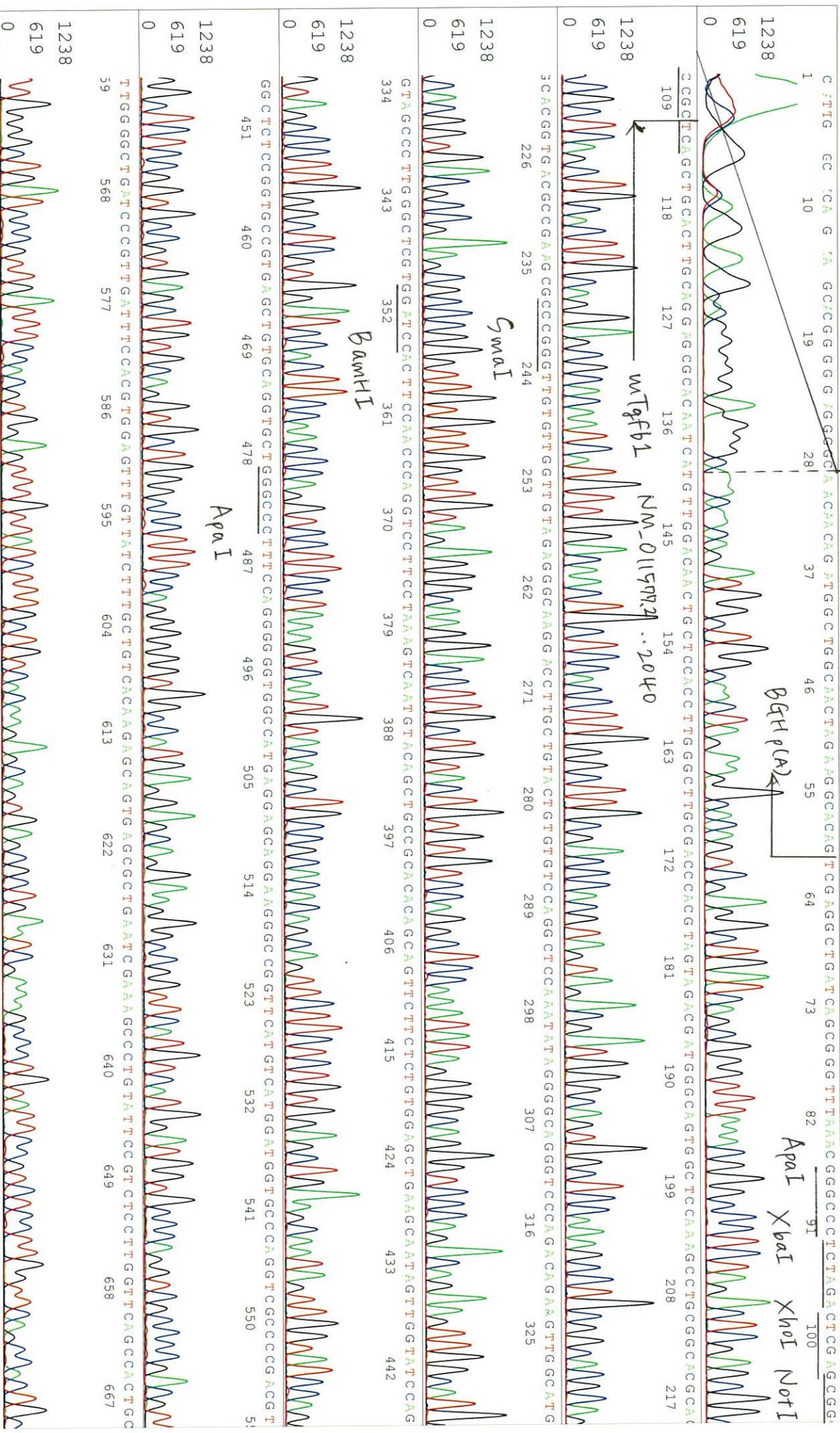
Pls 1531 to 12917 PK1 Loc:1508

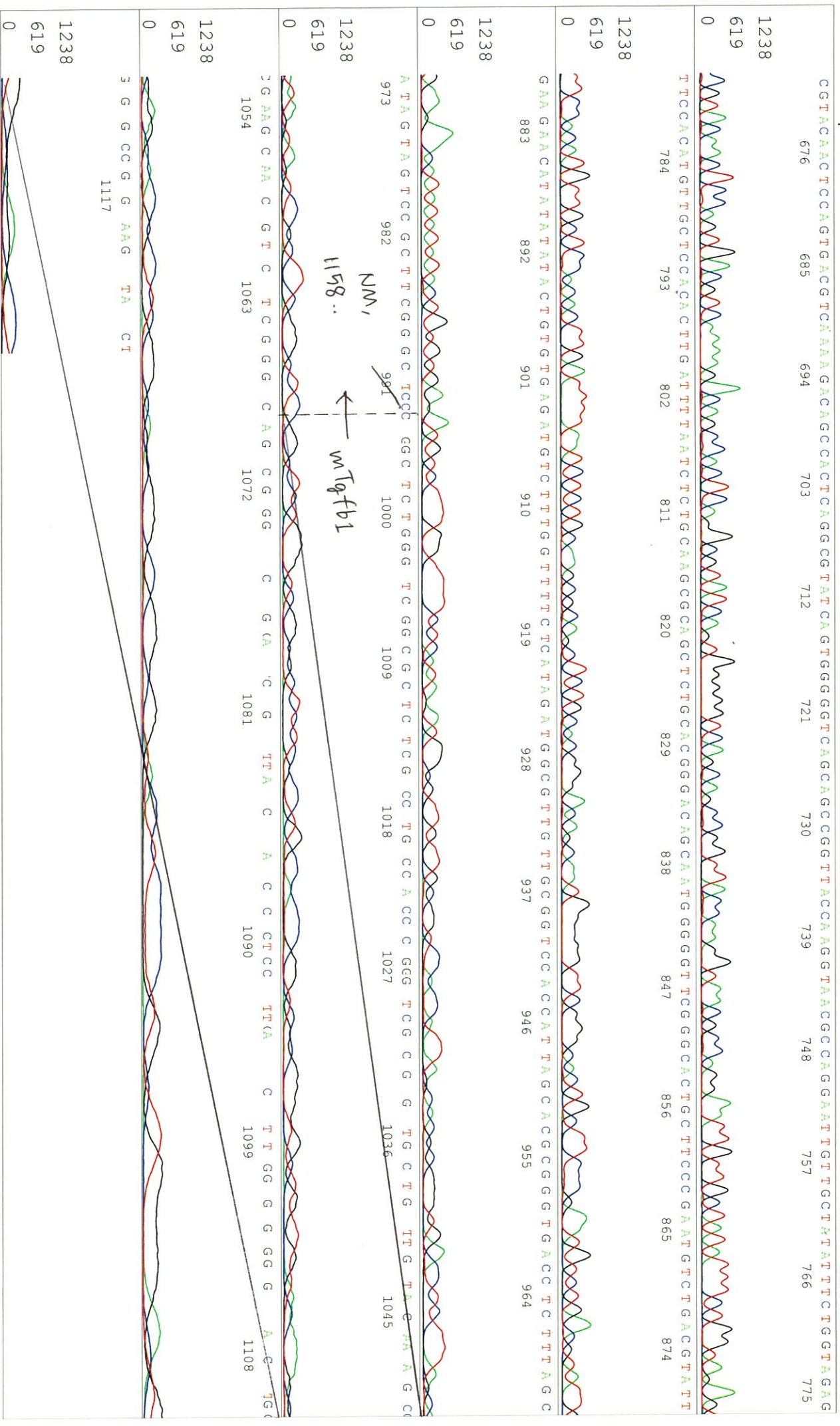
Dec 06, 2017 10:45AM, JST

KB 1.4.1.8 Cap:6

Version 6.0 HISQV Bases: 974

Plate Name: 20171206 Kitaku





S/N G:343 A:212 T:188 C:275

primer name C :SV40pro_F

D04886A1_A7Jg_1_SV40pro_F

Dec 06, 2017 10:19AM, JST

KB bcp

5' TATTATGCAGAGGCCGAGG3'

KB_3500_POP7_BDTv3.mob

Dec 06, 2017 10:45AM, JST

KB 1.4.1.8 Cap:9

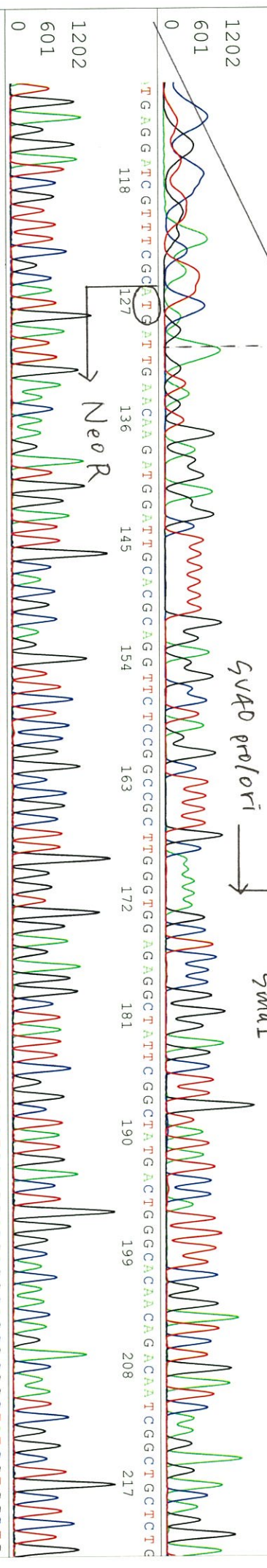
Pts 1489 to 12813 Pk1 Loc:1466

Spacing:11.46 Pts/Panel1350

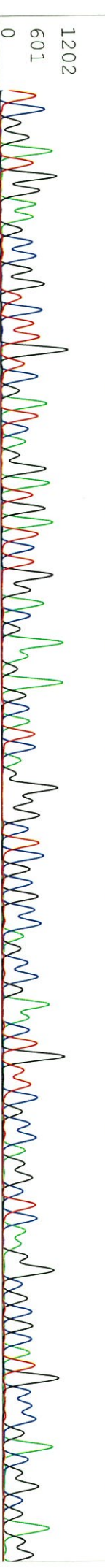
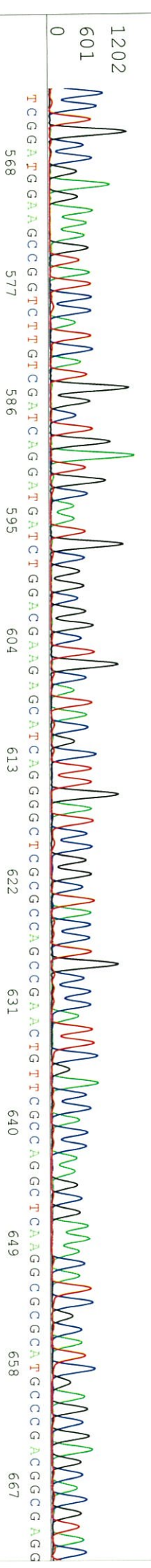
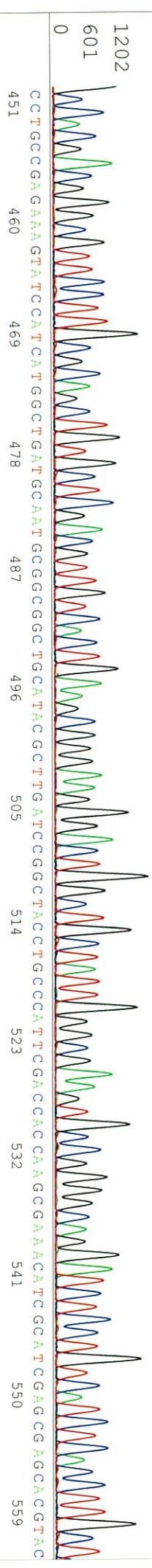
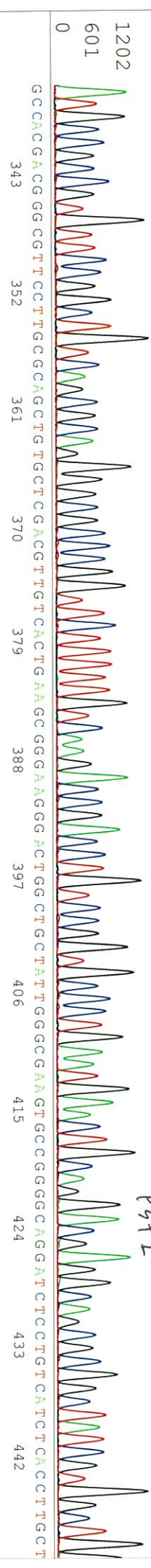
C C T C C T C C G T G C A T T C A G T A G T A G T A G G A G G C T T T T T G A G G C C T A G G C T T T T G C A A A A A A G C T C C C G G A G C T T G T A T A T C C A T T T T C G G A T C G A T C A A G A G A C A G G F

SV40 pro ori

Sma I

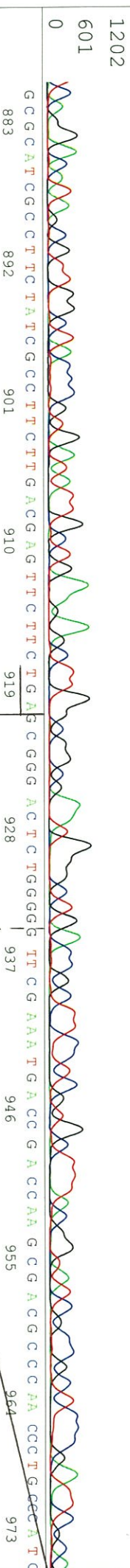
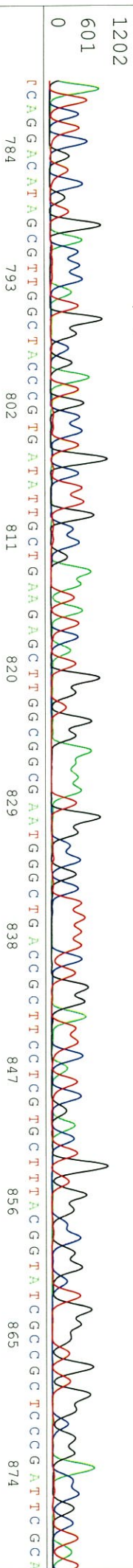


Pst I



ATCTCGTCTGACCCATGGCGATGCGCTGCTTGCCGAAATATCATGGTGAATAATGGCGCTTTTCTGGATTCACTGACCTGTGGCCGCTGGTGTGGCCGGAACCGCTA

Neo I



Neo R

