

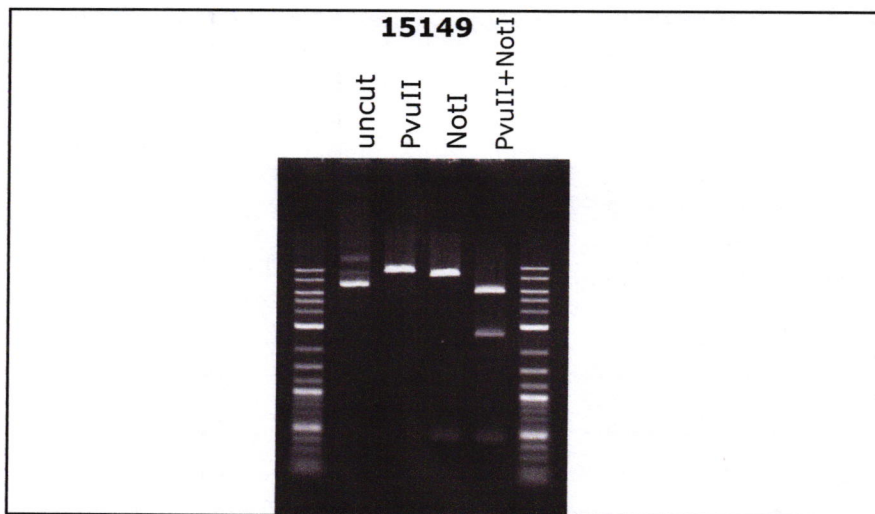
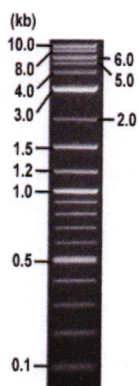


RIKEN DNA BANK

clone name : **pCX-PURO-mouFSH**

- Clone ID : RDB_15149
- Lot : 15149_A7Fg
- DNA Concentration : 25 ng/μL
- Volume : 40 μL
- Form : DNA solution in TE buffer
- Host : DH5α
- Culture : LB medium
- Antibiotics : 100 μg/mL Ampicillin
- Purification : QIAGEN QIAprep Spin Miniprep kit
- Digestion by restriction enzyme

1 kb Plus DNA Ladder
(NEB#N3200L),
250 ng/well



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

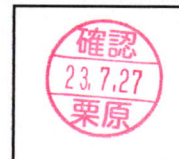
Restriction enzyme	Expected size of fragment
PvuII	9.0 kbp
NotI	8.6, 0.5 kbp
PvuII+NotI	5.9, 2.6, 0.5 kbp
	kbp

● **Confirmation of the insertion sequence**

Please be sure to check our sequence analysis results before your request.

Sequence name	Primer ID	Primer name	Confirmed feature
Sequence - A	Pr1308	mCga_R1	insert mid(mCga 5',CAG pro.1)
Sequence - B	Pr1307	mCga_F1	insert mid(mCga 3',beta-globin polyA.1)
Sequence - C	Pr0328	pCAG-F	insert mid(mFsh b 5')
Sequence - D	Pr0160	M13R	insert mid(beta-globin polyA.2,mFsh b 3')
Sequence - E	Pr0008	Amp_R	AmpR pro,insert 5'(CMV en.1,CAG pro.1)
Sequence - F	Pr0108	SV40pA3element Reverse	SV40 pro_ori,PuroR
Sequence - G	Pr0554	PuroR_F	SV40 pA
Sequence - H	-	-	-

APPROVED BY



SN G:175 A:179 T:103 C:169

primer name A : mCga_R1

D04674A4_A7fg_1_mCga_R1

KB_3500_POP7_BDTV3.mob

Pis 1446 to 13034 Pk1 Loc:1423

Version 6.0 HiSQV Bases: 871

KB 1.4.1.8 Cap:1

5' CACTCCGATGATTCTCCACTCTGG 3'

Version 6.0 HiSQV Bases: 871

NNNN NN NN NN N IN NNNN NN NN NN TTTG NNNNN CAG CATGT GGGCT CCGAG GTAATAT TCTTTG GAACN GCATTGT CTTCTTGG ACCCTGGCCGG AGTGG ATATGCCC

NM 009889.2 (mCga CBS)

TGGAGAAGCAACAG CCCATACACTGTGTAGATGGGGCTCTTAGCTTTGGAGAAATTTATTTCTTCTTAGTTTACATCTGGCAACCTGAATAATAAGTCTCCATCAGGA

NM 009889.2 (mCga CBS)

AGAGAATGAAATAATGCAAGAACATGGACA GCATGACCA GAATGACAG CTGCATTTTCTTCTTGTAGTAATCCATAGCTTCTTCTTGCACGGCTGACCAATCGAATTTCTTGCACAA

NM 009889.2 (mCga CBS)

VTGATGAGACAGCACAA TAACCA GCA CGTTGCCCA GGAGCTGTAGGAAAAGAAGAAAGCCATGAACA TGGTTAGCAGAGGCCTCTAGAGCCGGCCGGT CACA CGCCAGAAGCCGA

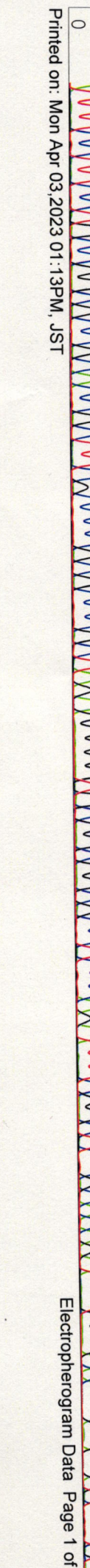
χimeric intron

XbaI

CCCCCCCC TGGCCCGTCCCCCGGAAAGCAGCCGT CCCCCCGGACAGCCCGGAGAGGGA AGAAGGGGA CGGGCCGGCGGCAAGCAAGGAAAGCCCT CCCCCGCC

ATTT CCTTCCTGCCCGGGCCCGCACCGCTTCGCC CCCCCCGCCCGCTAGAGGGGTGGCGGGCGCCCTCCCA GATTTCCGGCTCCCGACAGATT TGGGACAAAGAGTCCCTG

568 575 582 589 596 603 610 617 624 631 638 645 652 659 666



S/N G:175 A:179 T:103 C:169

KB.bcp

KB 1.4.1.8 Cap:1

D04674A4_A7Fg_1_mCga_R1

KB_3500_POP7_BDTV3.mob

Pts 1446 to 13034 Pk1 Loc:1423

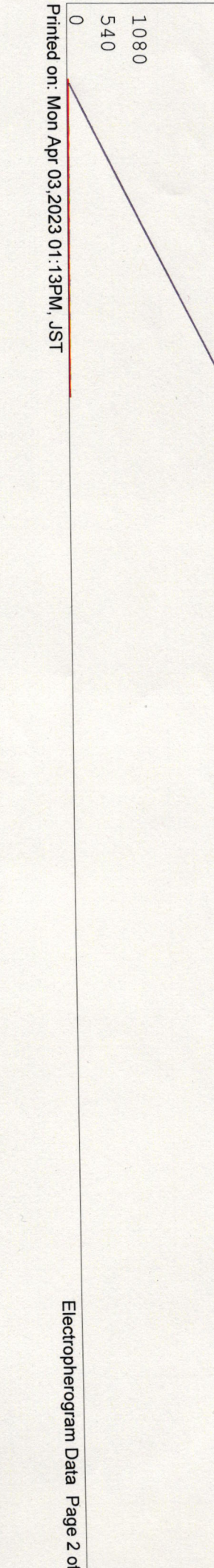
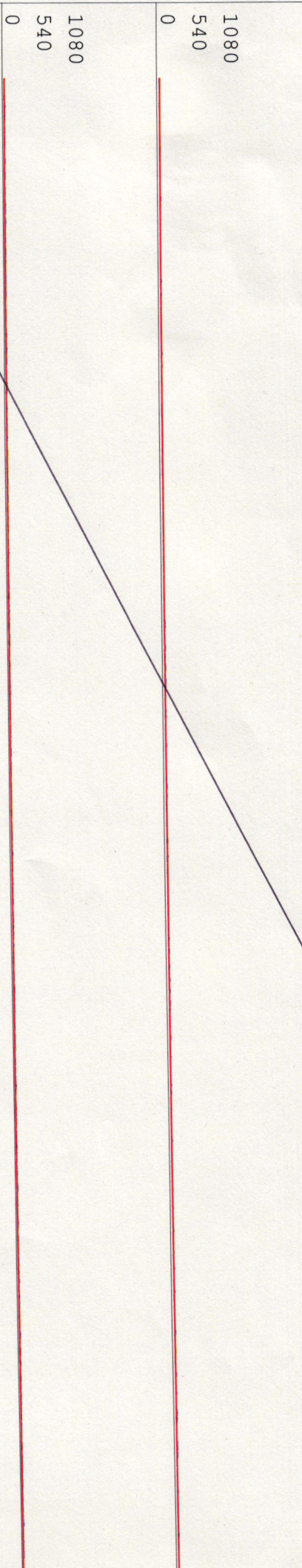
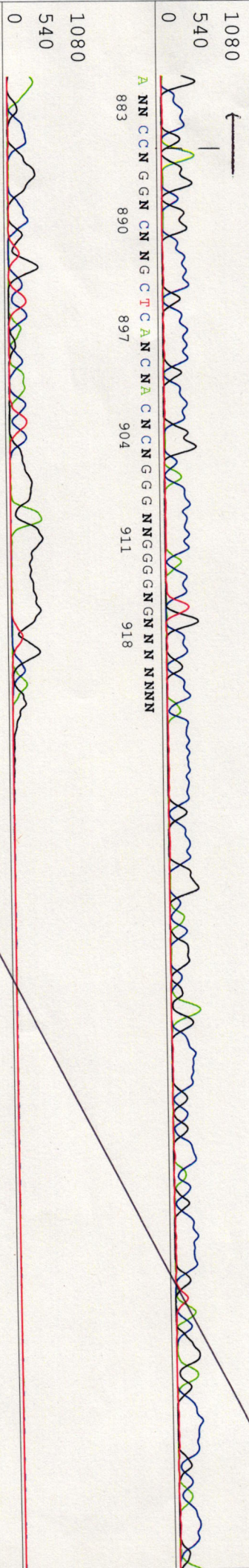
Version 6.0 HISQV Bases: 871

CGCCCTCTCCGACGATTAACAATAAAGCCATGGCTGGCGCTCCGCCGCGCCCTCCGACAAGCCCGCCGCTCCGGGGCCGCCCGCCGCTCCCGCCCGCCGAGCCCTCCCG
73 680 687 694 701 708 715 722 729 736 743 750 757 764 771 778

chimeric intron

GCCCG|NGGGGGCCCCGGCCCCGGCCGCA|CCCCCACTGCCCGCA|CCCCCGCCCGCGCA|CGGCGAGCC|CCCGCN|ACGCC|CGTAC|N|GAG|CCCCCG|AAC|CN
785 792 799 806 813 820 827 834 841 848 855 862 869 876

ANNCCN|GGNC|N|GCT|CAN|CNA|C|NC|NGG|N|NGGG|GN|NN|NNN
883 890 897 904 911 918



D04674A4_A7fg_1_mCag_F1

KB_3500_POP7_BDTV3.mob

Pis 1418 to 13157 Pk1 Loc:1395

Version 6.0 HISQV Bases: 901

primer name B : mCga_F1

5' ATGGATTACTACAGAAATATGCAGC 3'

S/N G:31 A:34 T:30 C:29
KB: bcp
KB 1.4.1.8 Cap:2

NNN NN NN NN NNNNN NN NNN NN T T NN T G NN T A T T C T T IN T T C T C C T C C T G A T G G A G A C T T T A T T A T T C A G G G N N G N N N N N A A T G T A A A C T A A A G G A A A T A A A C T T C T C



S/N G:31 A:34 T:30 C:29

D04674A4_A7Fg_1_mCag_F1
KB_3500_POP7_BDTV3.mob

Mar 23, 2023 02:08PM, JST
Mar 23, 2023 02:38PM, JST

KB.bcp

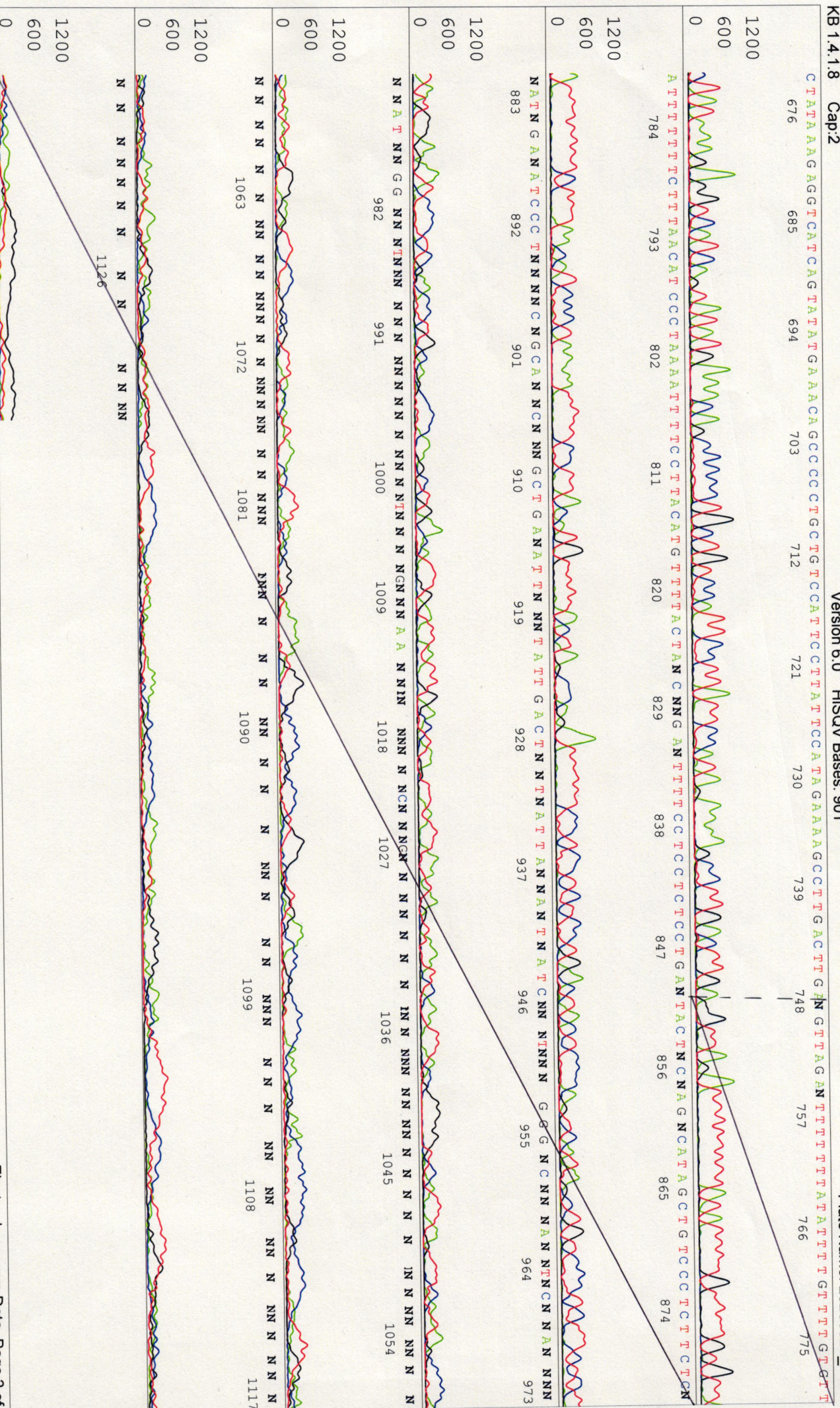
Pts 1418 to 13157 PK1 Loc:1395

Spacing:11.78 Pts/Panel1350

KB 1.4.1.8 Cap:2

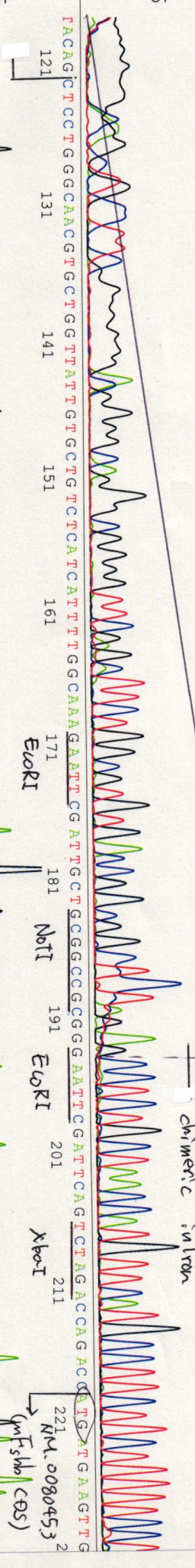
Version 6.0 HiSQV Bases: 901

Plate Name: 20230323_kitaku



primer name : pCAG-F
5TTCTCATCTCCAGCCCTCGG3'

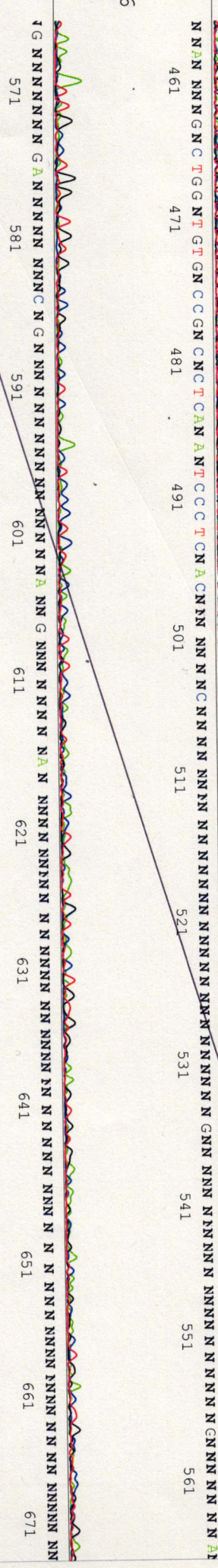
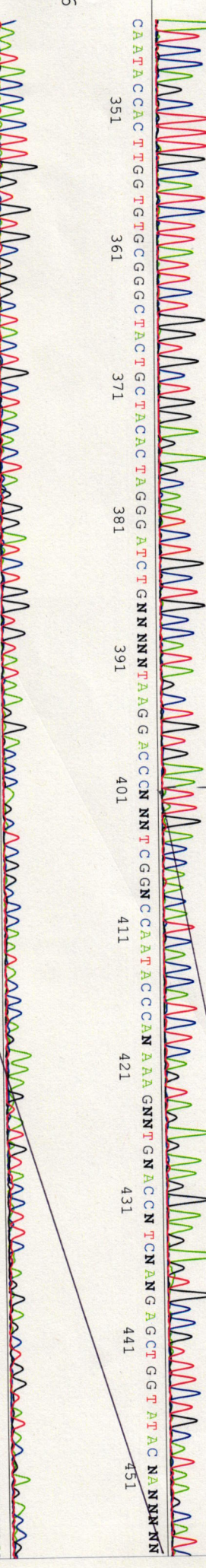
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NM_008045.3 (wFshb cDS)

+

221 NM_008045.3 (wFshb cDS)



SN G:68 A:116 T:91 C:106

primer name Φ : M13R

D04674A4_A7Fg_1_M13Rv

Mar 24, 2023 01:58PM, JST

KB.bcp

5' CAGGAACAGCTATGAC 3'

KB_3500_POP7_BDTV3.mob

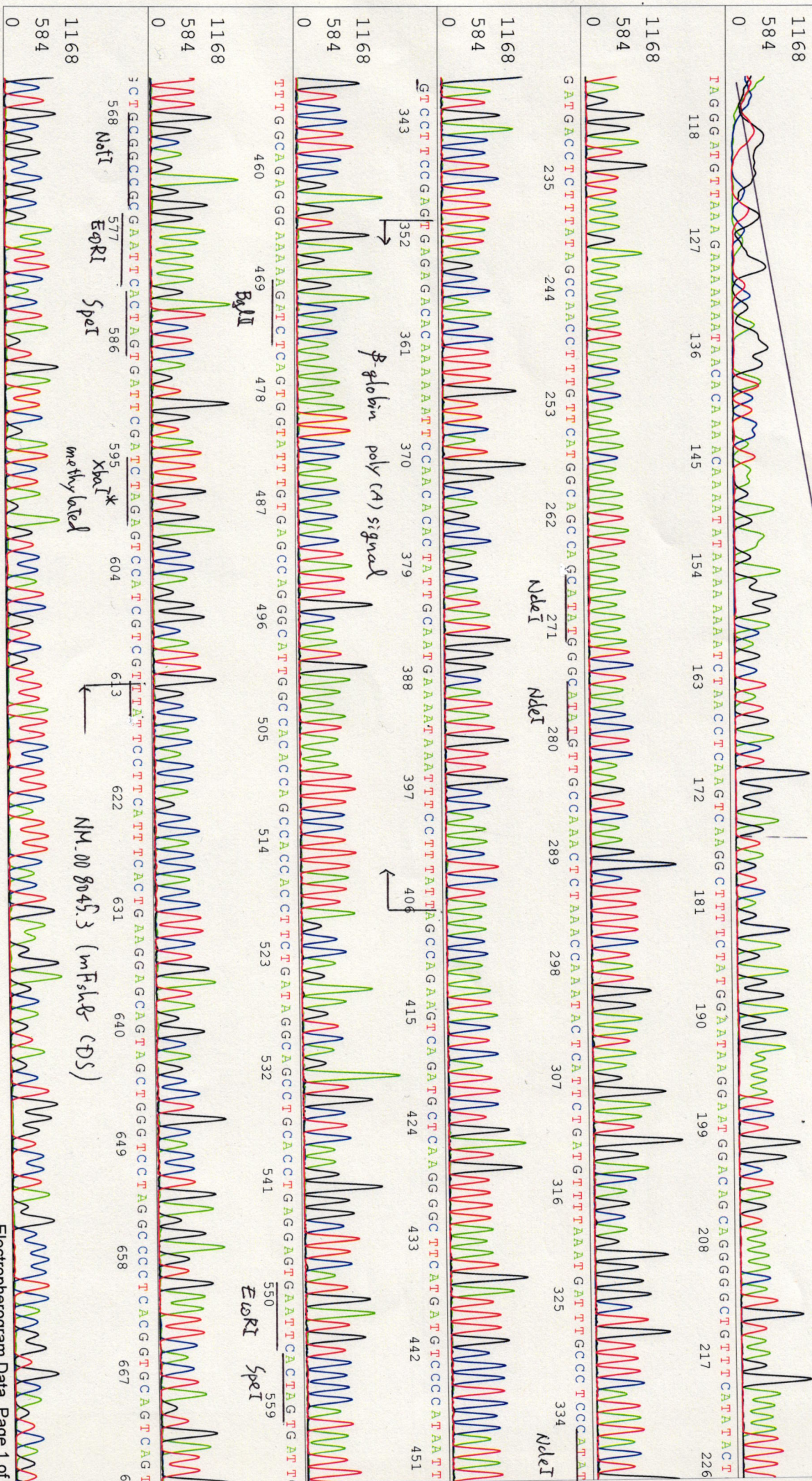
Mar 24, 2023 02:28PM, JST

KB 1.4.1.8 Cap:8

Pis 1409 to 13343 PK1 Loc:1386

Spacing: 11.83 Pts/Panel1350

1 10 19 28 37 46 55 64 73 82 91 100 109



S/N G:68 A:116 T:91 C:106

Mar 24, 2023 01:58PM, JST

Mar 24, 2023 02:28PM, JST

KB.bcp KB 1.4.1.8 Cap:8

KB_3500_POP7_BDTV3.mob

Pis 1409 to 13343 PK1 Loc:1386

Version 6.0 HISQV Bases: 909

Spacing: 11.83 Pts/Panel1350

Plate Name: 20230324_kitaku

GCTGTCGGTGTCAACACTGGCCACAGTGACCATTCAGTGGCTACTGGATATGTAGAGGGAGTCTGAGTGGCCGGCAACGCCAGGCCAATCTTACGGTCTCGTATACCA

CTCCTTGAANGTACTACTTCTGGGTATTGGCCGANCTGGGNCCTTATACACCAAGATNCCNAGTGTAGCANNTANCCCGCACACCNNGGATATGATGCTTA

TGCANAAACGGCANTCNNNCTTCTCTANTGANATGGNGANGTGGNCANTTCCANAGCTANNNNANCANANNGNTCNNCCNNNNNNNNNNNNNNNNNN

NNANNCNNN

NN

NN

NN

NN

NN

NN

S/N G:28 A:34 T:25 C:25

primer name E : Amp_R

KB_3500_POP7_BDTV3.mob

Mar 23, 2023 02:08PM, JST

KB.bcp

5- GC GACACCGGAATGTGAATA -3'

Pls 1420 to 13119 PK1 Loc:1397

Mar 23, 2023 02:38PM, JST

KB 1.4.1.8 Cap:7

Version 6.0 HiSQV Bases: 697

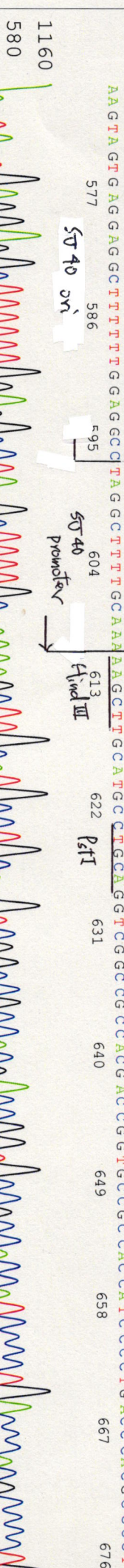
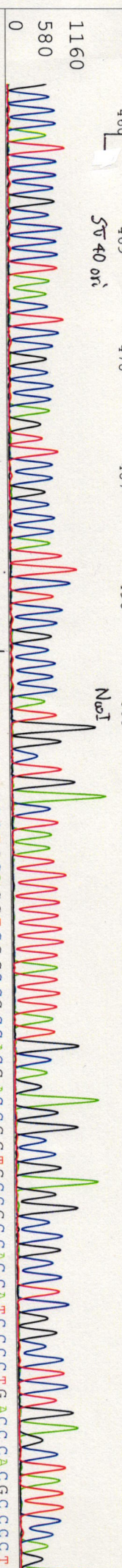
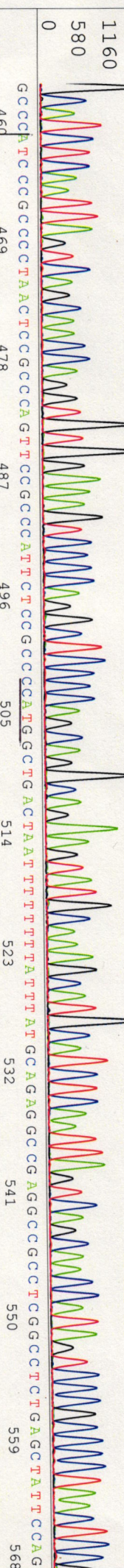
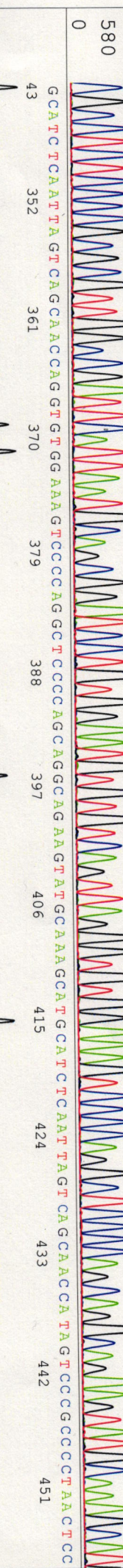
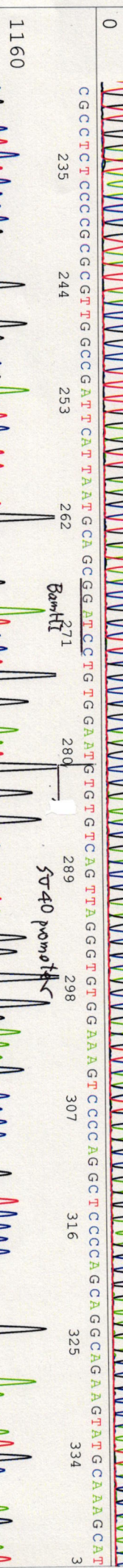
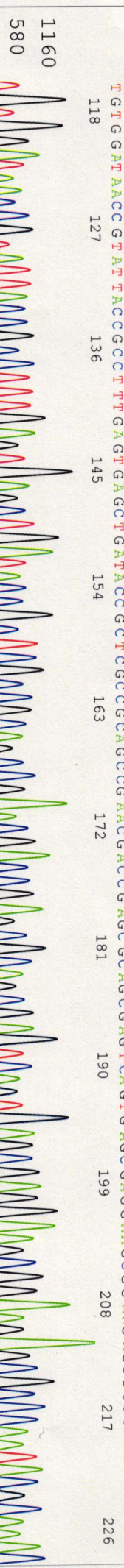
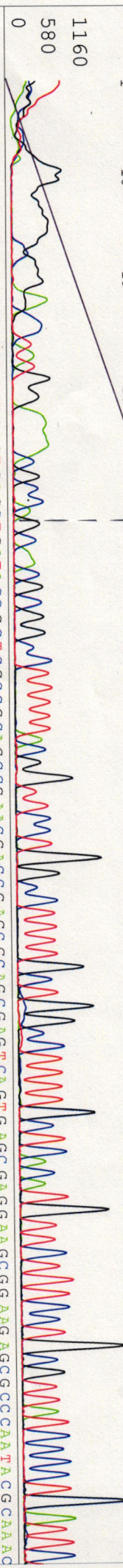
Plate Name: 20230323_kitaku



S/N G:46 A:46 T:31 C:51 primer name F : SV40pA3:Element Reverse
KB.bcp 5-CTCTGACTTGAGCGCTCGATT-3'
KB 1.4.1.8 Cap.1

Version 6.0 HISQV Bases: 915

NNNN NNNNNN NNNNNN NN INNNNN NNN NNN NNN G C A A C C G C G C C C T T T T T T A C G G T T C C T G C C C T T T G C C T T T T G C C C T T T T G C C C T T T T G C C C A C C A T G T T C C T T T C C C T T A T C C C C T G A T T C



Printed on: Mon Apr 03, 2023 01:13PM, JST
Electropherogram Data Page 1 of 2

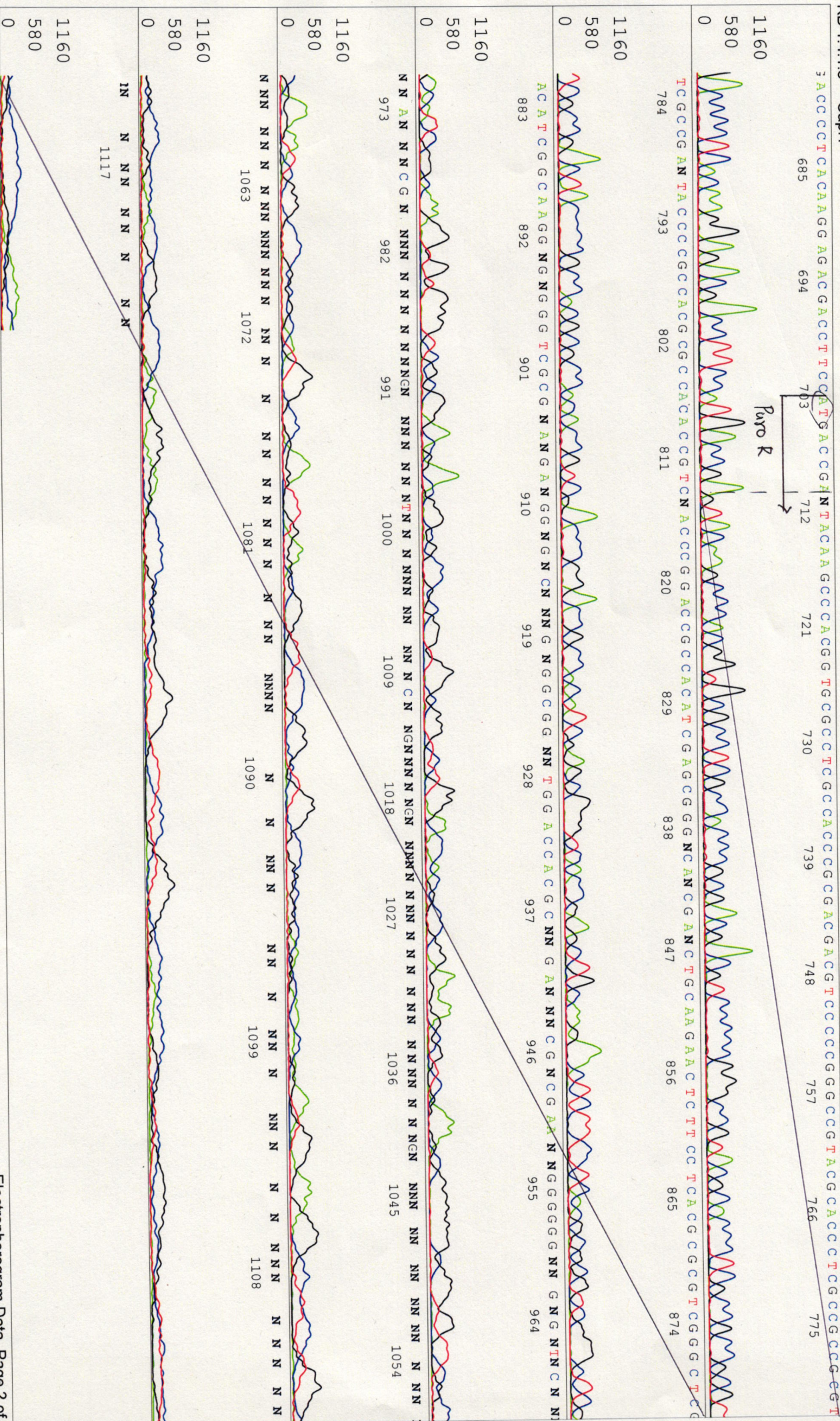
S/N G:46 A:46 T:31 C:51

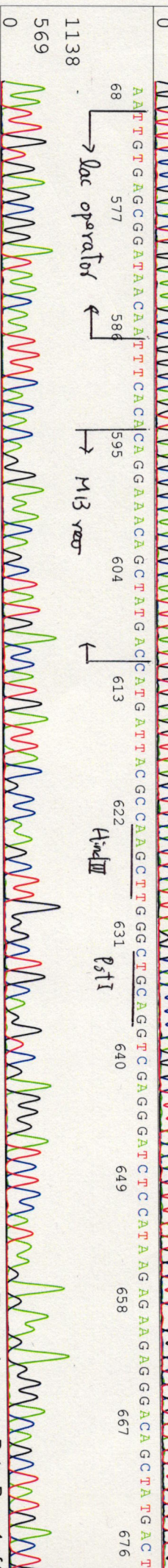
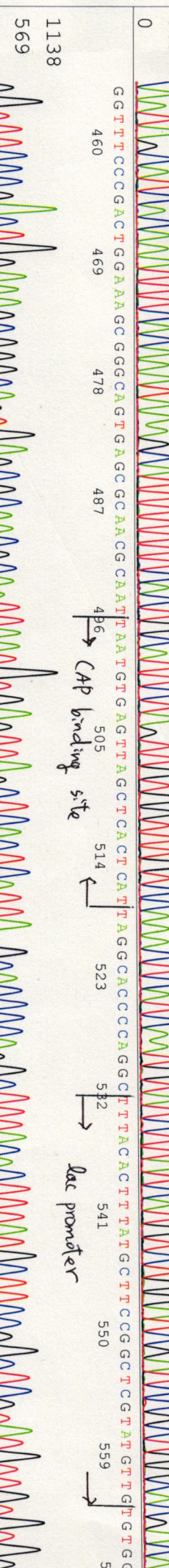
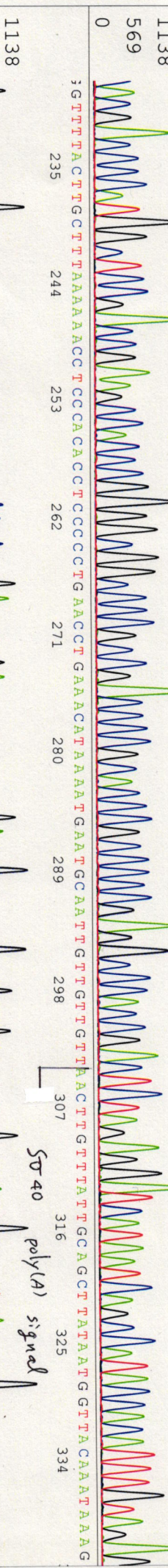
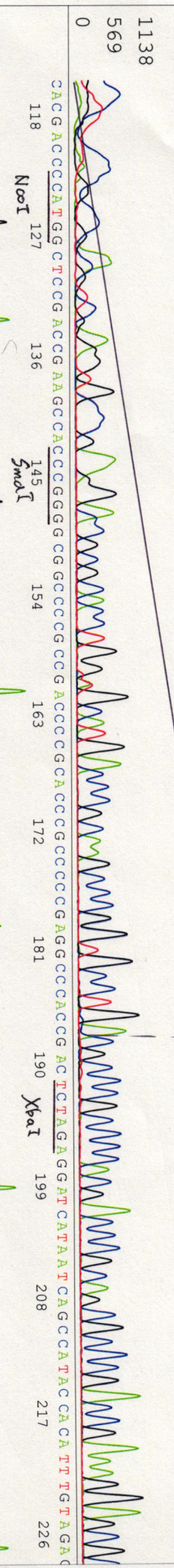
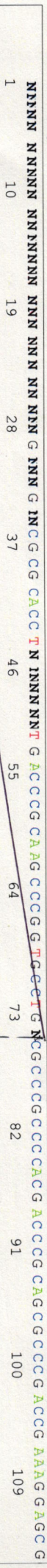
KB.bcp

KB 1.4.1.8 Cap:1

Pis 1444 to 13003 PK1 Loc: 1421

Version 6.0 HISQV Bases: 915





S/N G:50 A:62 T:43 C:49

KB.bcp

KB 1.4.1.8 Cap:6

KB_3500_POP7_BDTV3.mob
Pis 1428 to 13176 PK1 Loc: 1405
Version 6.0 HiSQV Bases: 920

