

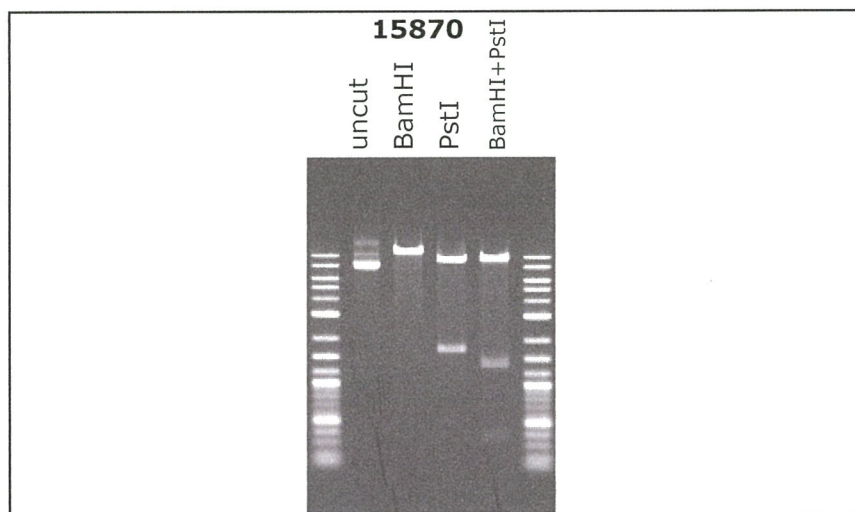
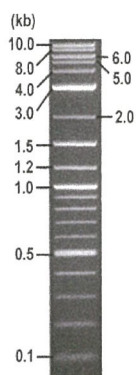


RIKEN DNA BANK

clone name : pCSII-CMV-MCS\_n-GRAPHIC T2A H2B-mCherry

- Clone ID : RDB\_ 15870
- Lot : 15870\_ A8Cd
- DNA Concentration : 25 ng/μL
- Volume : 40 μL
- Form : DNA solution in TE buffer
- Host : NEB stable
- 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 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment
<b>BamHI</b>	<b>10.7</b> kbp
<b>PstI</b>	<b>9.0, 1.7</b> kbp
<b>BamHI+PstI</b>	<b>9.0, 1.3, 0.4</b> 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	Pr0905	EGFP-N_R2	insert 5',CMV pro.2,CMV en.2
Sequence - B	Pr0250	PRE_rev	insert 3'
Sequence - C	Pr0673	HIV-B_R	HIV-1 psi,5' LTR,CMV pro.1,CMV en.1
Sequence - D	Pr0132	HIVgp_R1	HIV-1 psi,5' LTR
Sequence - E	Pr0021	CSII-CMV5'	insert mid
Sequence - F	Pr0518	mCherry-N_R2	insert mid
Sequence - G	Pr0527	mCherry-check_R4	insert mid
Sequence - H	Pr0606	BGH_rev2	3' LTR
Sequence - I	Pr0110	SV40pro_F	EM7 pro,BleoR

APPROVED BY :



S/N G:97 A:112 T:78 C:121

primer name A : EGFP-N\_R2

KB\_3500\_POP7\_BDTv3.mob

Mar 30, 2021 02:09PM, JST

KB.bcp

5'-ATGGCGGACTTGAAGAAGTC-3'

Pls 1327 to 13289 PK1 Loc:1304

Mar 30, 2021 02:36PM, JST

KB 1.4.1.8

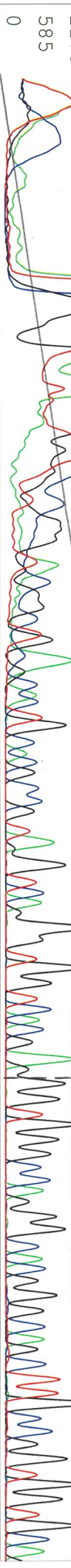
Cap:13

Version 6.0 HiSeqV Bases: 912

Spacing:11.79 Pts/Panel1350

0 585 1170

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



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109 118 127 136 145 154 163 172 181 190 199 208

217 226 235 244 253 262 271 280 289 298 307 316 325

;CGGTGAACAGCTCCCTCGCCCTTGGCTCACTCTAGCCCTGGCAGCGGTGGTATTACCTTGGCAACCAAGGACACTGCCAAGACCAAGCAGTGGCAAGTCTTACCATG

334 343 352 361 370 379 388 397 406 415 424 433 442

GTGGCTCTAGCGGATCTGACGGTTCACCTAAACDAGCTCTGGCTTATATAGACCCTCCCAAGGACACTGACCCGCAATTTGGTCAATGGGGAGTTGTTACGACATTTT

451 460 469 478 487 496 505 514 523 532 541 550

GAAGTCCCGTTGATTTGGTGC CAAAACA AACTCCCATTTGACGTTCAATGGGGTGAAGACTTGGAAATCCCGGTGAGTCAAAACCGCTATCCAGCCCA TTGATGTACTGCCA

559 568 577 586 595 604 613 622 631 640 649 658

AAAAAGCATCAACATGATAATAGCCGATGACTAATACGTTAGATGTACTGCCAAGTGAAGACTCCCA TAAAGTCAATGATGTTACCGTTC

← NcoI

← CMV promoter (2)

← n-GRAPHC-12 A-H2B - mCherry

← sf GFP-NT (1-157 aa)

← CMV enhancer (2)

← NcoI



S/N G:97 A:112 T:78 C:121

D05101A2\_A8Cd\_2\_EGFP-N\_R2

Mar 30 2021 02:09PM, JST

KB.bcp

KB\_3500\_POP7\_BDTV3.mob

Mar 30 2021 02:36PM, JST

Pts 1327 to 13289 PK1 Loc:1304

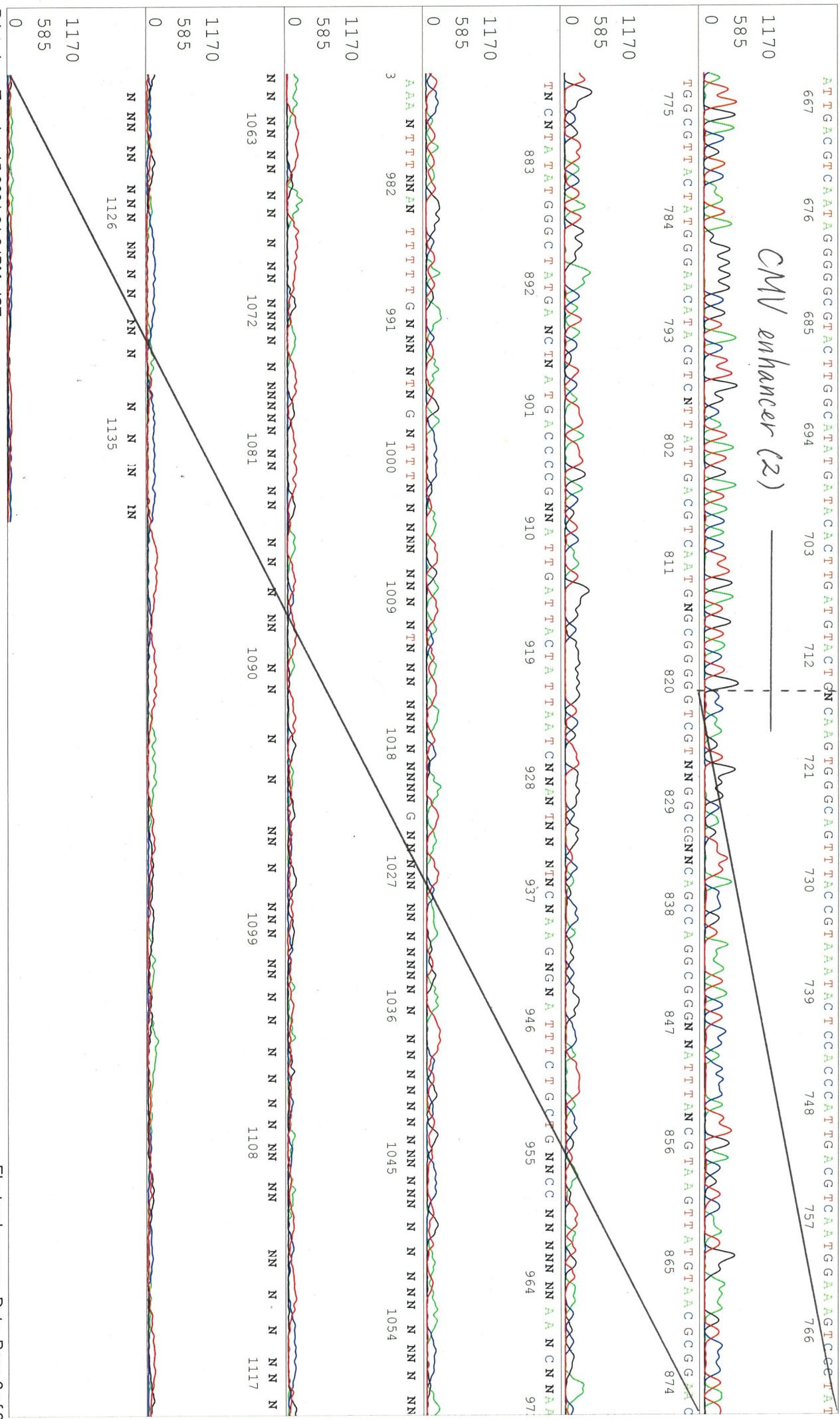
Spacing:11.79 Pts/Panel1350

KB 1.4.1.8 Cap:13

Version 6.0 HISQV Bases: 912

Plate Name: 20210330\_kitaku

*CMV enhancer (2)*





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

NN NNINNN NNN INN NN NN NN G NN C/N C A T A G T T A A G A A T A C C A G T C A A T C T T T C N C A A A T T T T G T A A T C C A G A C C T T G N T A T C G A T A A G C T T G A T C C C T C G A T G T T A



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0 1204 602



S/N G:55 A:55 T:72 C:108

D05101A2\_2\_A8Cd\_PRE\_rev

Apr 11, 2018 10:10AM, JST

KB.bcp

KB\_3500\_POP7\_BDTV3.mob

Apr 11, 2018 10:52AM, JST

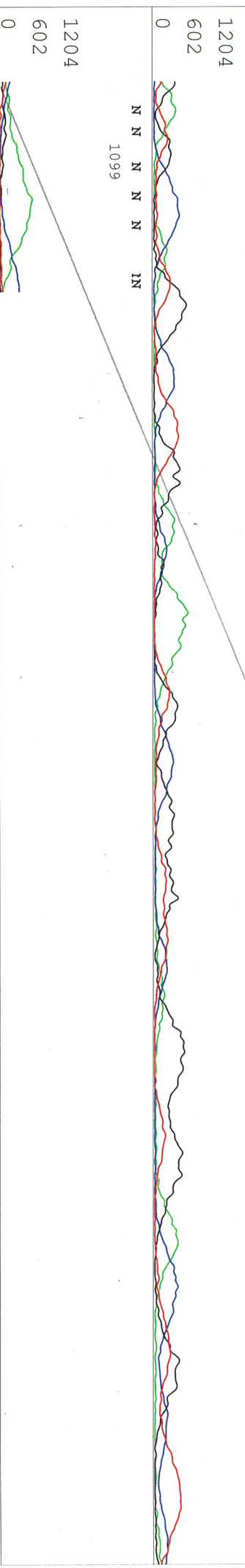
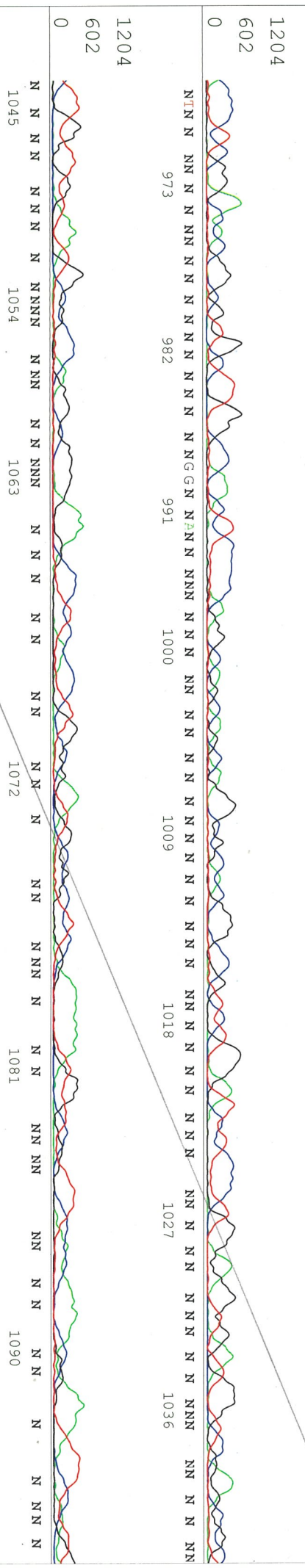
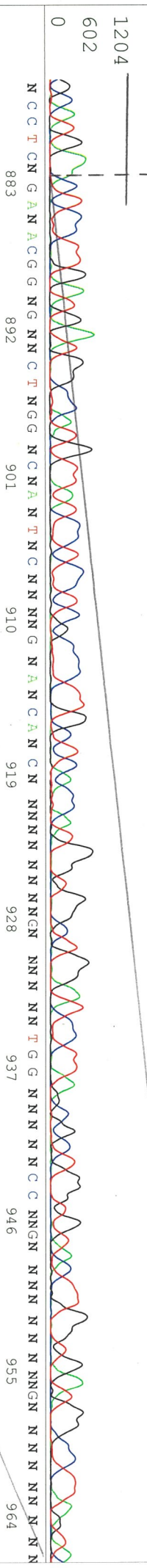
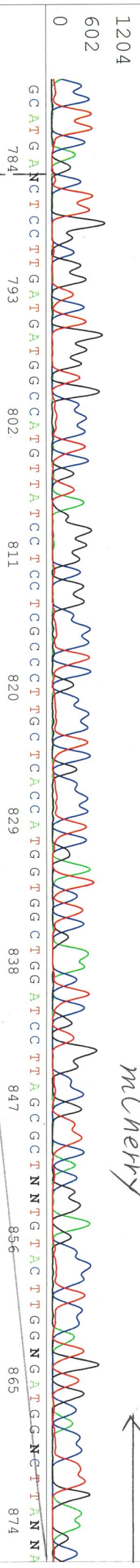
KB 1.4.1.8 Cap:19

Pts 1526 to 12658 PK1 Loc:1503

Spacing: 11.35 Pts/Panel1350

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mCherry

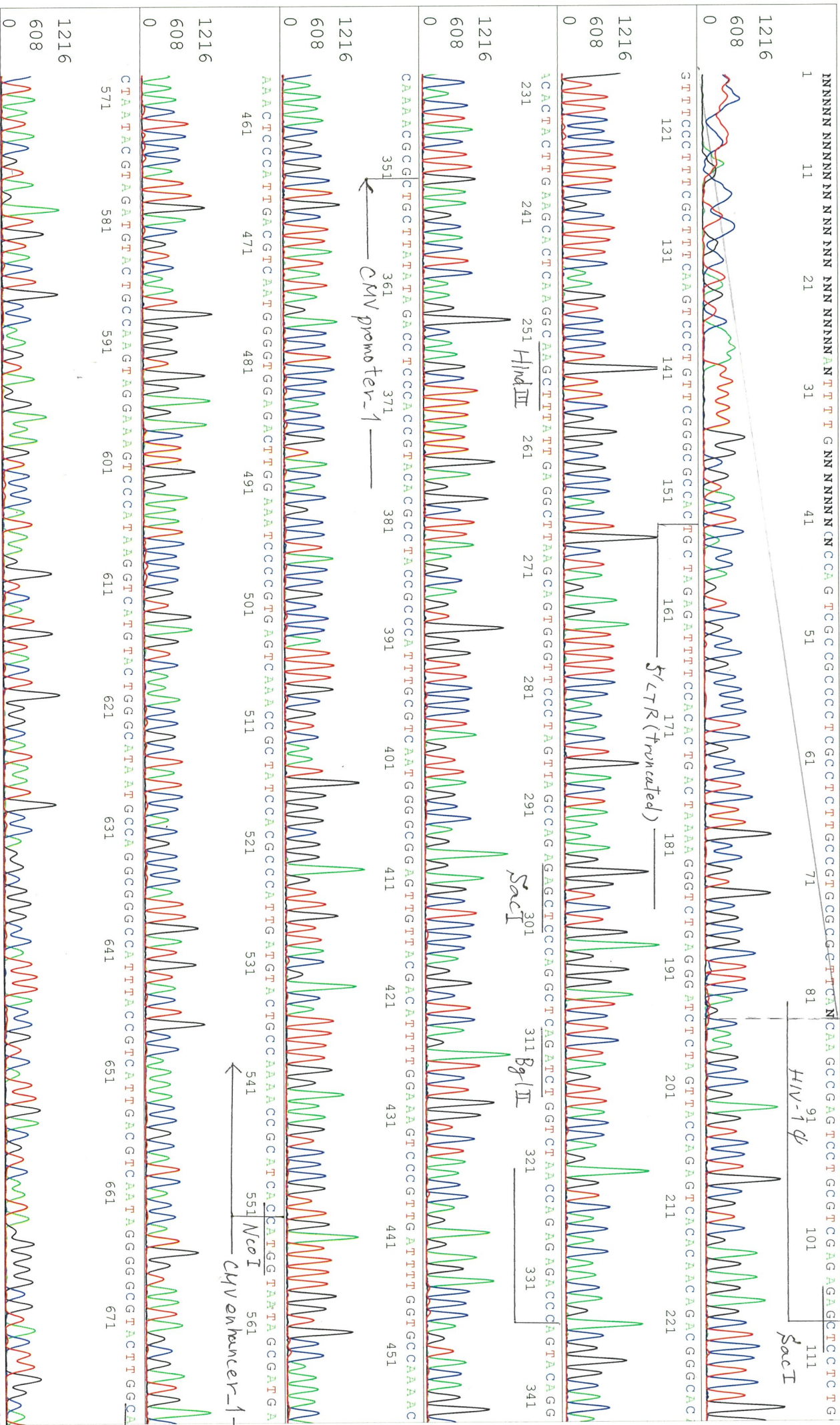




S/N G:33 A:35 T:24 C:30  
KB.bcp  
KB 1.4.1.8 Cap:7

primer name C : HIV\_B\_R  
5'-TTAATACTGACGCTCTGCACCC-3'

15870\_15870\_B3D4F\_HIV-B\_R  
KB\_3500\_POP7\_BDTv3.mob  
Pis 1299 to 14094 Pk1 Loc:1276  
Version 6.0 HISQV Bases: 967



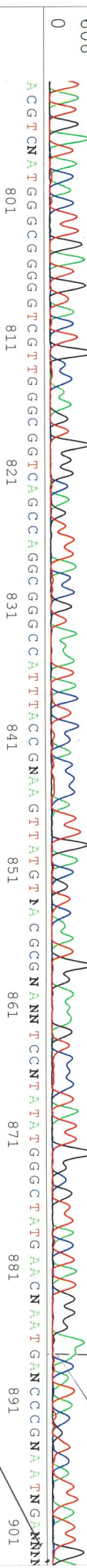


Version 6.0 HISQV Bases: 967

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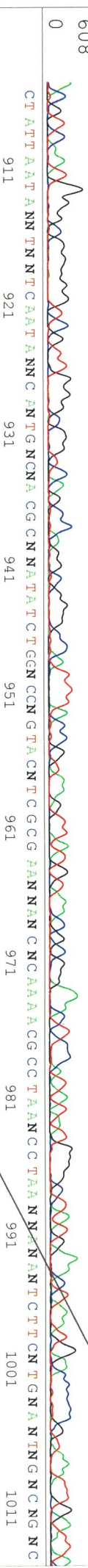
681/ 691 701 711 721 731 741 751 761 771 781 791

Net



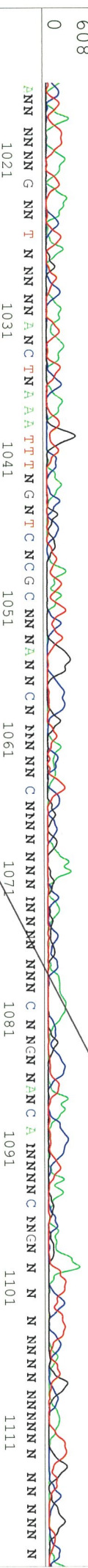
ACGTCNATGGGCGGGGCTCCGTTGGCCGCTCAGCCAGGGCGGGCCATTTACCAGNAAGTTATGTAAGTCCNATATGTTGGGCTATGAACNAATGANCCCGNAATNGANN

801 811 821 831 841 851 861 871 881 891 901



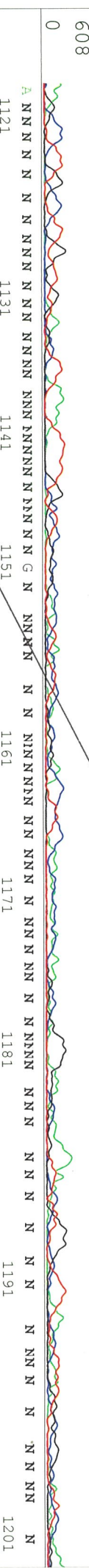
CTATTAAANNNTCAATANNCANATGNCNACGNCNATATCTGGNCCNGTACNTCCGANNANCNCAAAACGCCTAANCCTAANNANNTCTTGNANTNGNC

911 921 931 941 951 961 971 981 991 1001 1011



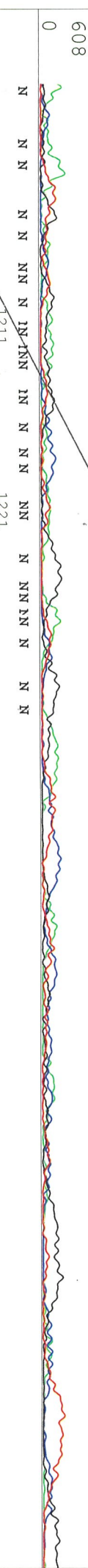
FNNNNNNTNNNNANCTNAAAATTTNGNTCNCGCNNNANNCNPNNN

1021 1031 1041 1051 1061 1071 1081 1091 1101 1111



NN

1121 1131 1141 1151 1161 1171 1181 1191 1201



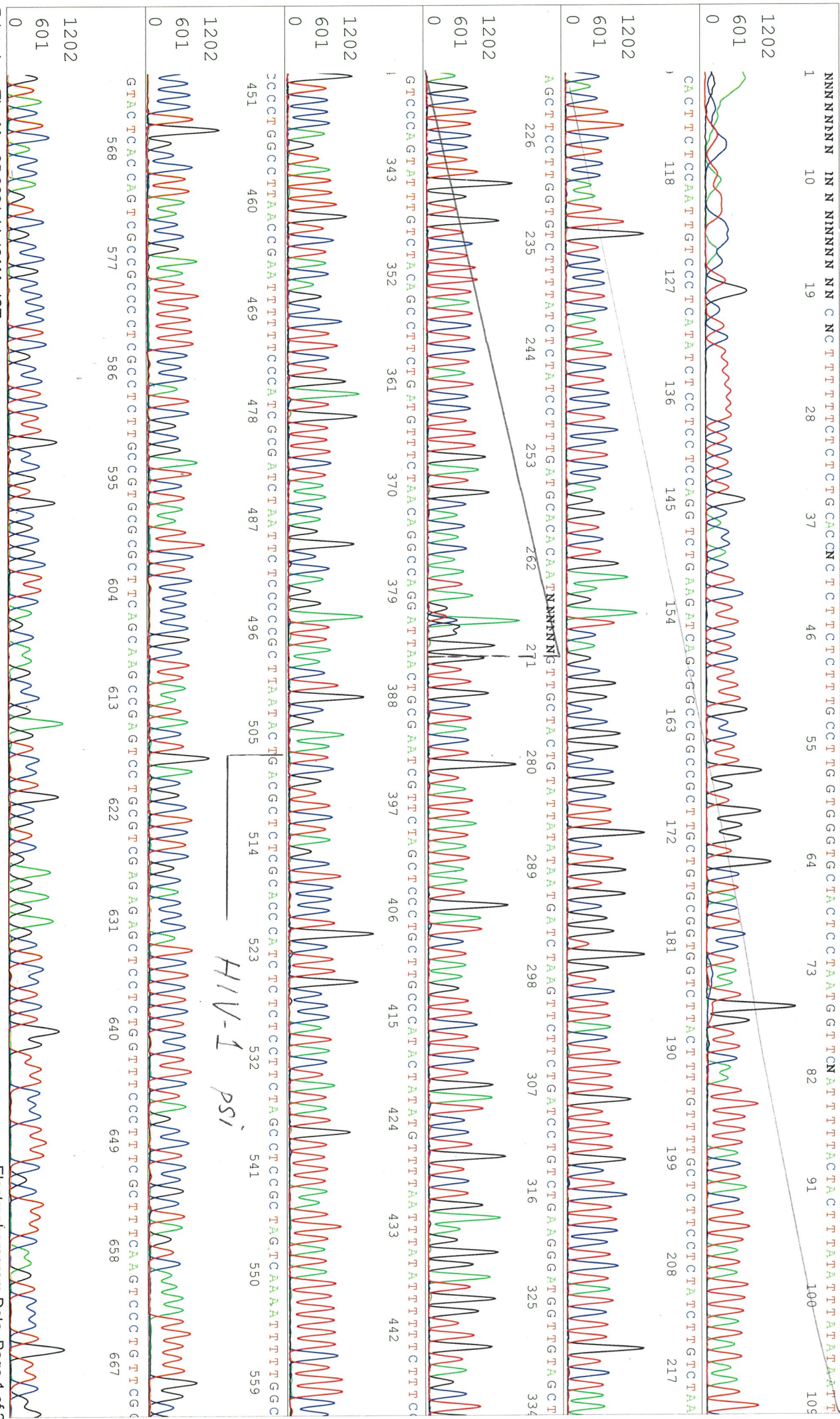
NN

1211 1221



Printed on: Wed Apr 05, 2023 02:07PM, JST







SN G:106 A:108 T:167 C:222

D05101A2\_2\_A8Cd\_HIVgp-R1

Apr 11, 2018 10:10AM, JST

KB.bcp

KB\_3500\_POP7\_BDTV3.mob

Apr 11, 2018 10:52AM, JST

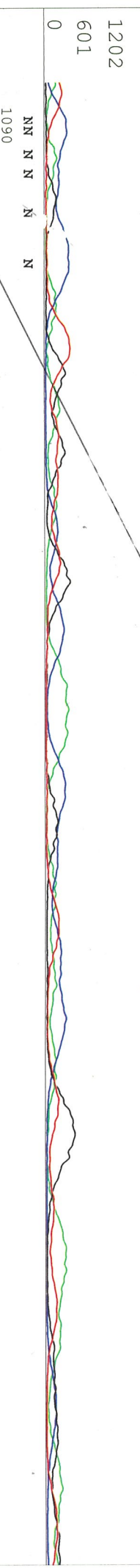
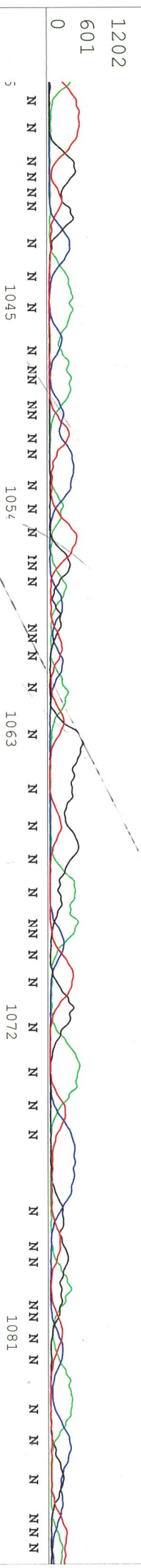
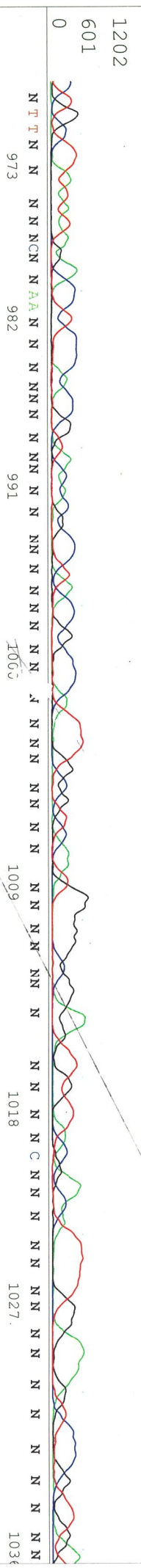
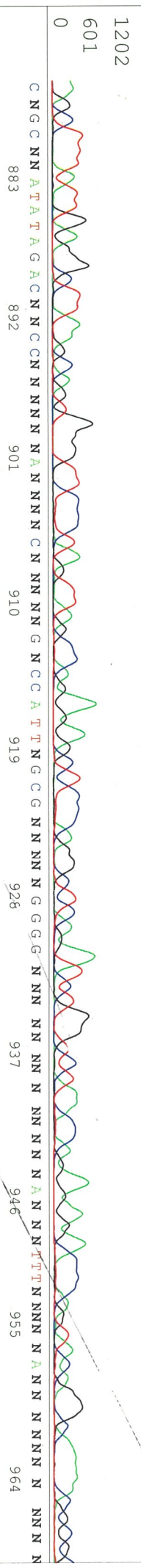
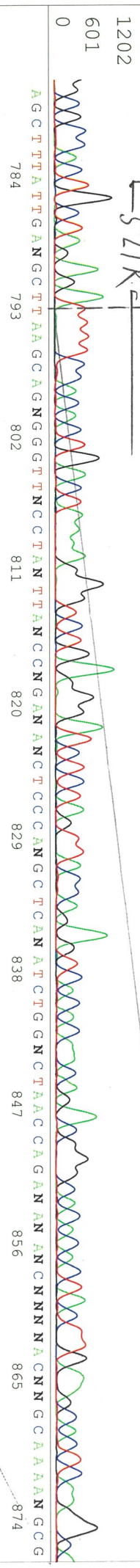
KB 1.4.1.8 Cap:5

Pts 1606 to 12763 PK1 Loc:1583

Spacing:11.3 Pts/Panel1350

3GCGCCAC TGC TAGAG ANTTTCCACAC TGACTAAAAGGCTCTGANGGNNCTCTAGTTACCAAGAN TCACACAAACGACGGGCAACACACTTCTTGAAGCAC TCAAN GCCA

5'LTR





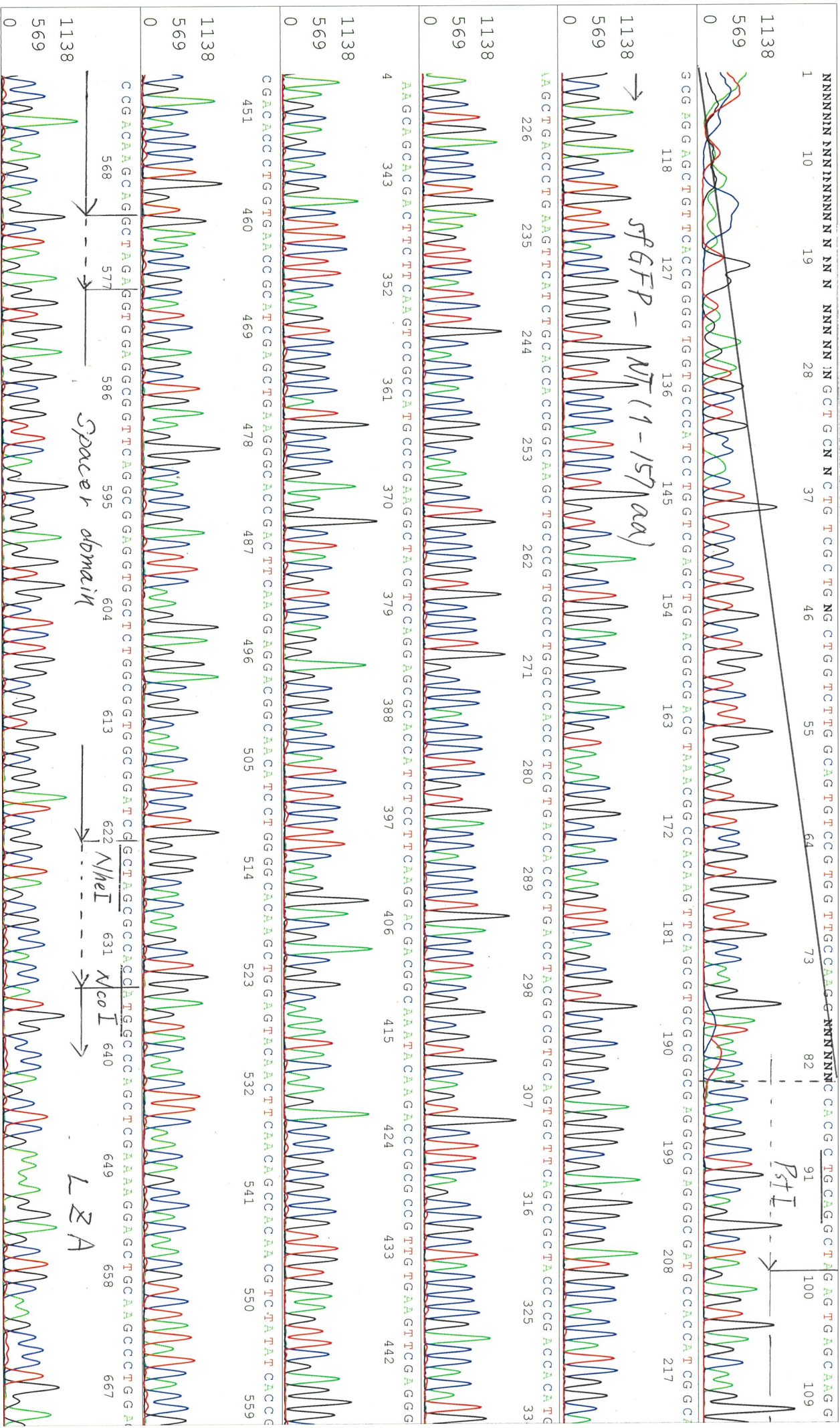
S/N G:151 A:205 T:152 C:285 primer name F: CSII-CMV5'

KB.bcp

KB 1.4.1.8 Cap.4

5'-AGCAGAGCTGGTTAGTGAACCG-3'

Version 6.0 HiSeqV Bases: 900





S/N G:151 A:205 T:152 C:285

D05101A2-2\_A8Cd\_CSII-CMV5'

May 29, 2018 01:50PM, JST

KB.bcp

KB\_3500\_POP7\_BDTV3.mob

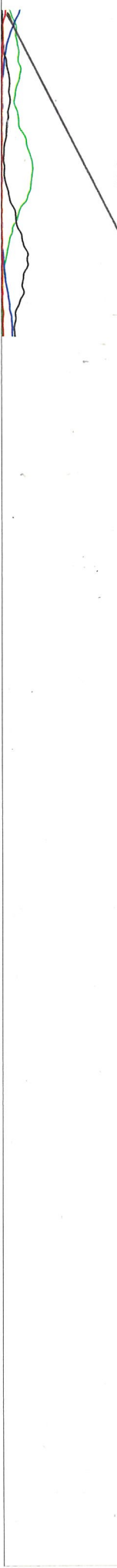
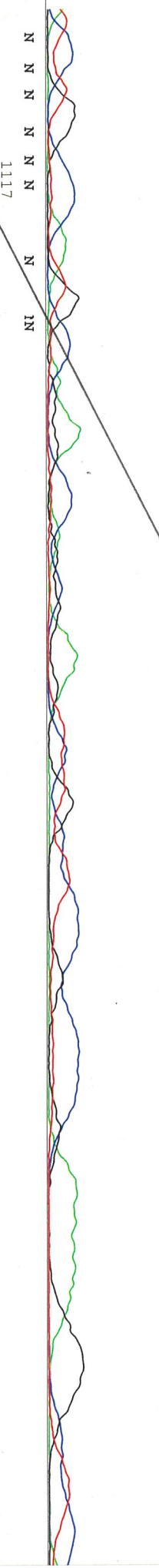
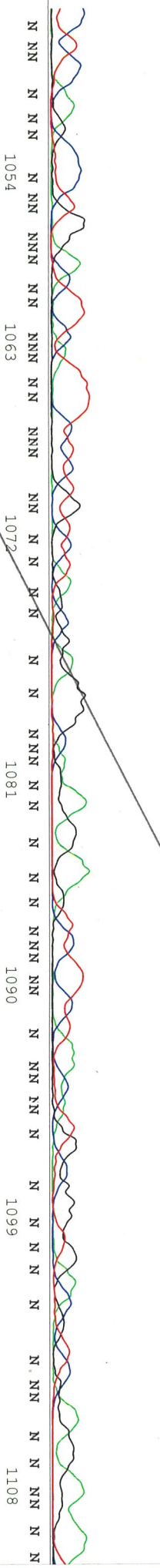
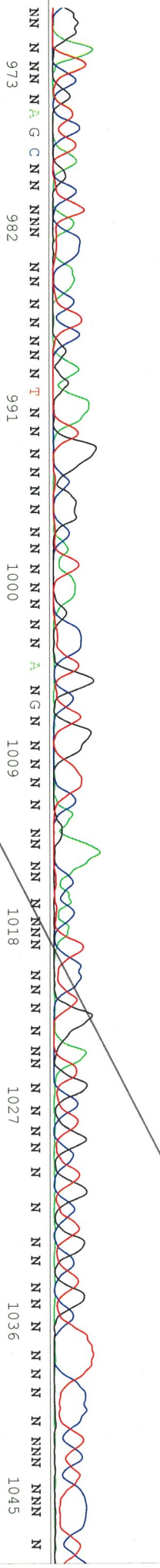
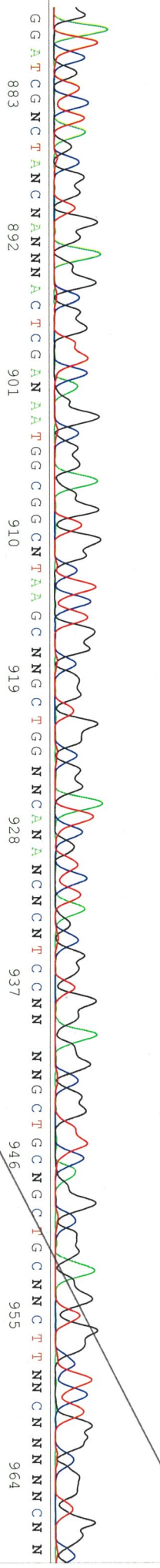
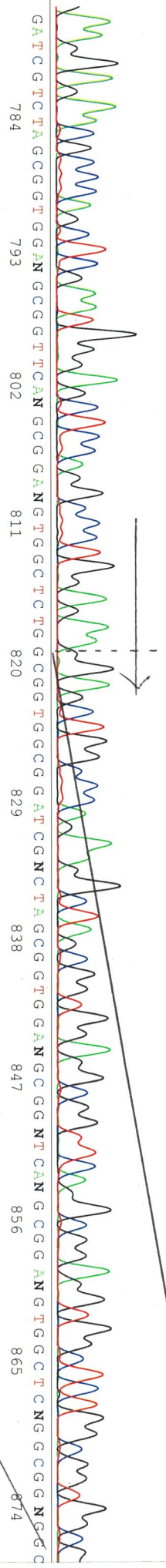
May 29, 2018 02:27PM, JST

KB 1.4.1.8 Cap:4

Pts 1424 to 12530 Pk1 Loc:1401

Spacing:11.11 Pts/Panel1350

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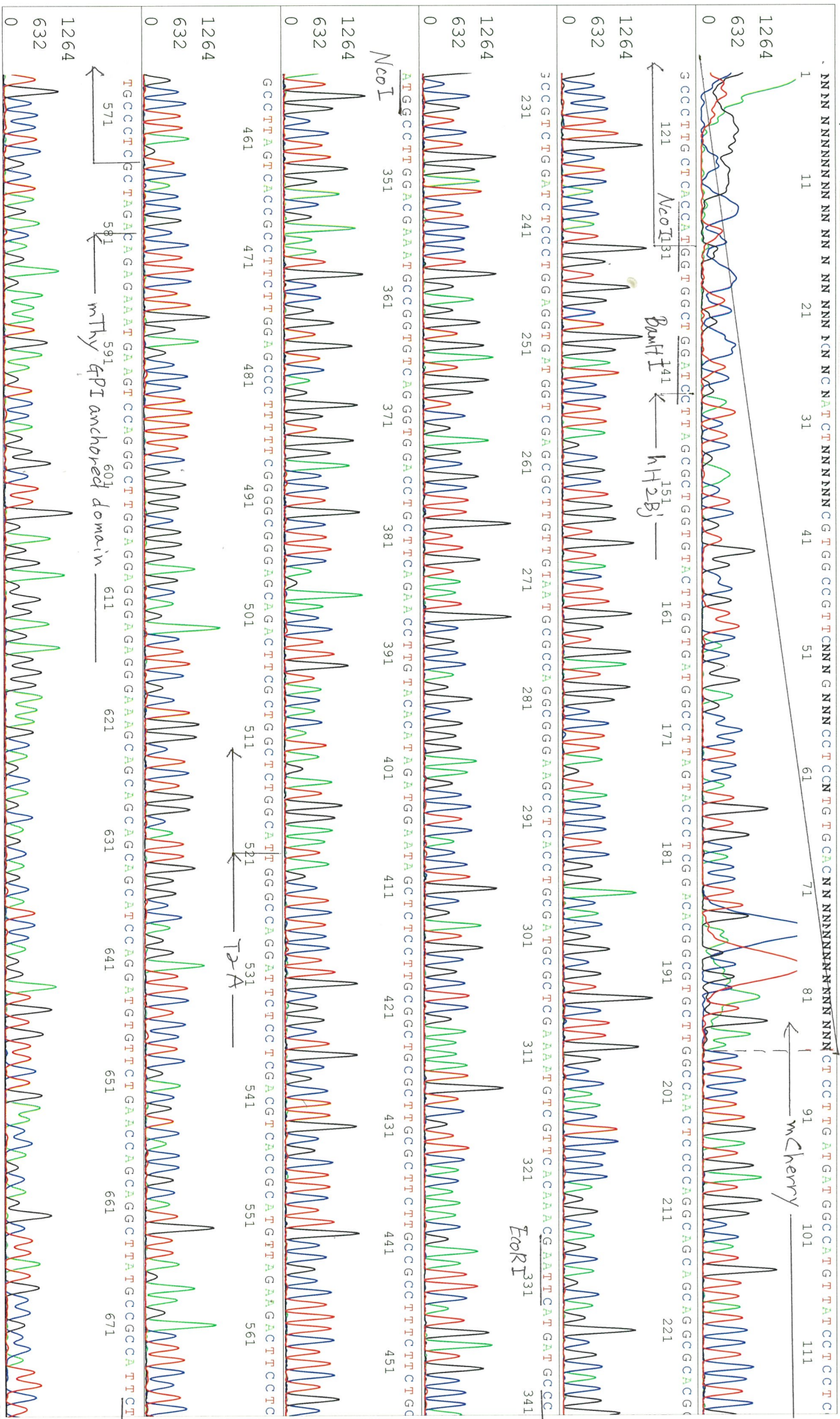


S/N:G:20 A:13 T:15 C:16 primer name *F* : mCherry-N\_R2

KB.bop

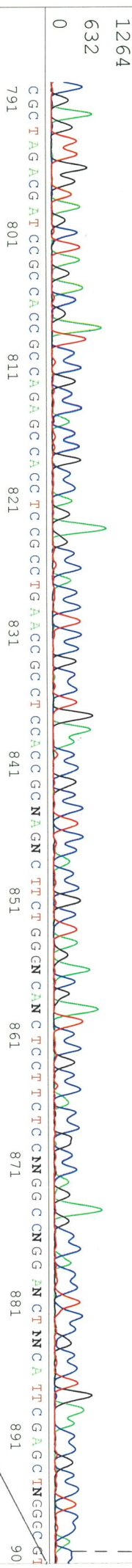
KB 1.4.1.8 Cap:1

5-ACCTTCAGCCTTGGCCGGTCTG-3'





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681 XhoI 691 701 711 721 731 741 751 761 771 781



C G C T A G A C G A T C C G C C A C C G C C A G A G C C A C C T C C G C C T G A A C C G C C T C C A C C G C C A N G N C T T C T G G C N C A N G C T T C C T T C C A N G G C C N G G A N C T T C C A N G G C C N G G A N C T T C C A G C T N G G C G T  
791 801 811 821 831 841 851 861 871 881 891 90

T C T C C T T C C C A G G G C T N G C A G C T C C N T T T T N A N C T G G C N C N N G G T G G C N C T A G C C G A T T N C N N C N N G N C A N A N C N N N N N C T G N A N C G N C T C N A C C N C N A G C C  
911 921 931 941 951 961 971 981 991 1001 1011

N G N N N G T C G N N G G N G N N N N N N N N A C G T T N N G G C N G N T G N A N N T G N A N N N C C A N N N T T N N G N C C C N N A N N N N N G N N N C N C C N T T N A N N N N G N N G C C N T N N  
1021 1031 1041 1051 1061 1071 1081 1091 1101 1111

N N C N G N  
1121 1131 1141 1151 1161 1171 1181 1191 1201

N  
1211 1221 1231 1241



primer name  $\zeta$  : mCherry-check\_R4

KB\_3500\_POP7\_BDTV3.mob

Pts 1308 to 14269 Pk1 Loc:1285

Version 6.0 HISQV Bases: 968

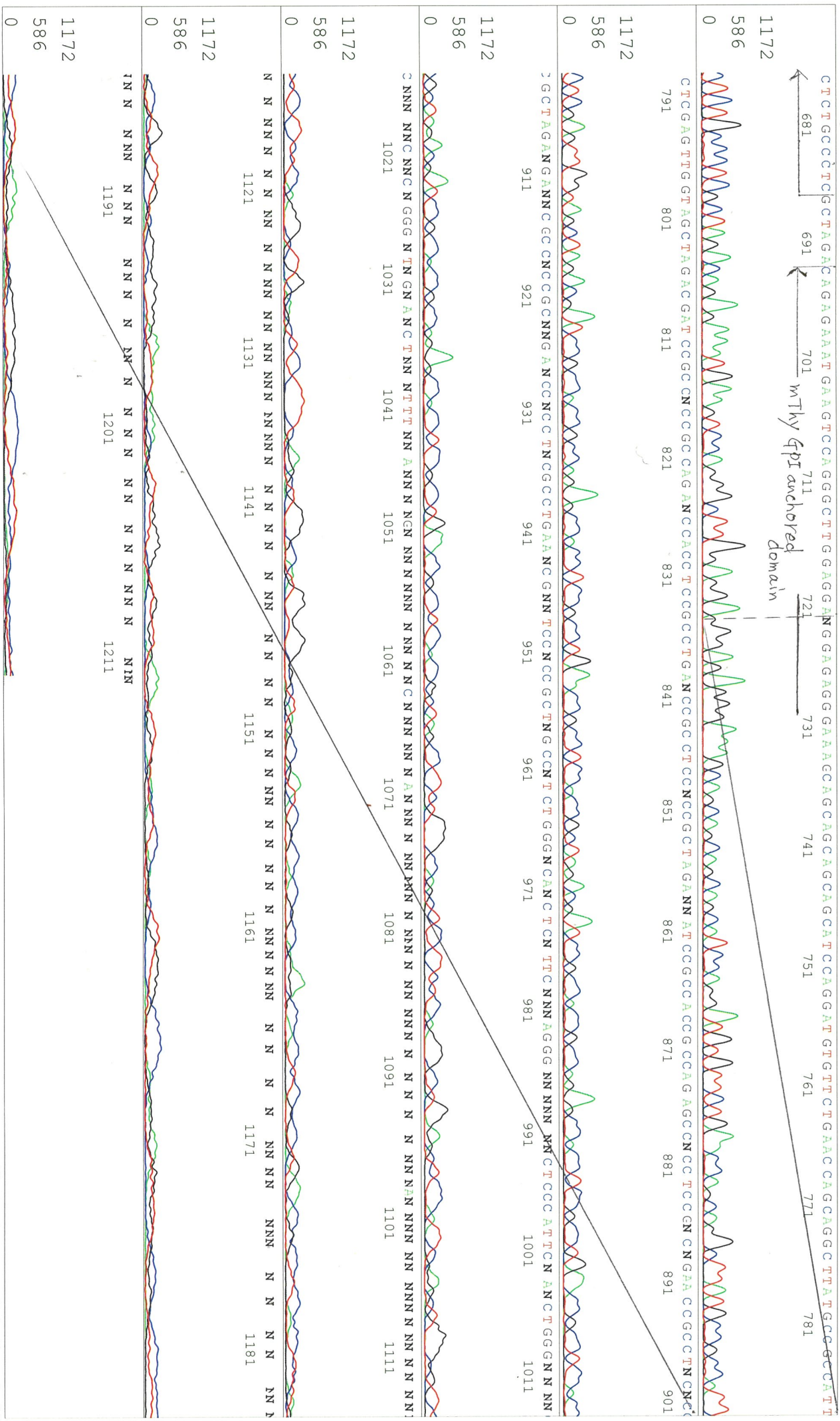
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Plate Name: 20230405 Kitaku

SN G:89 A:60 T:51 C:71  
KB.bop  
KB 1.4.1.8 Cap:8

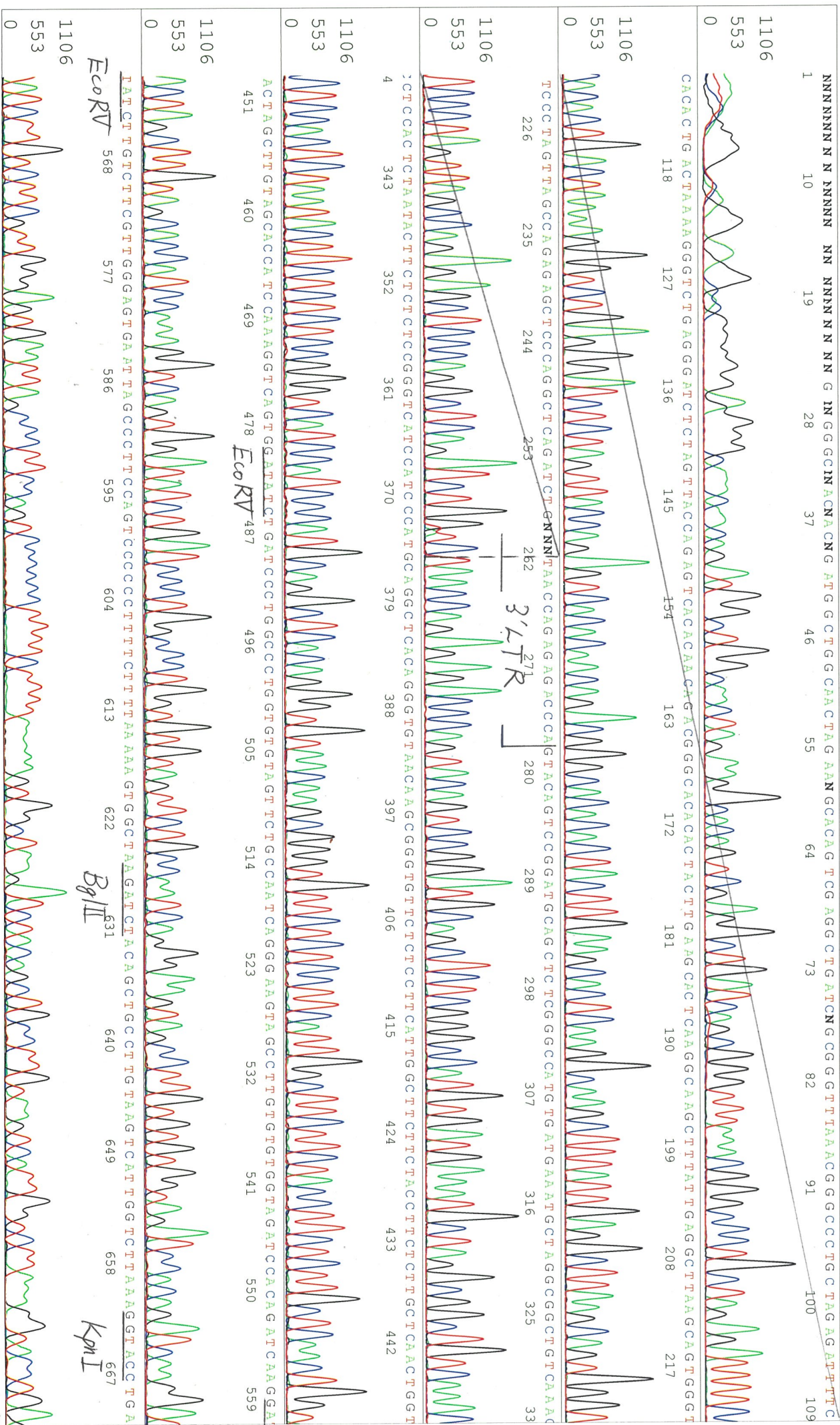
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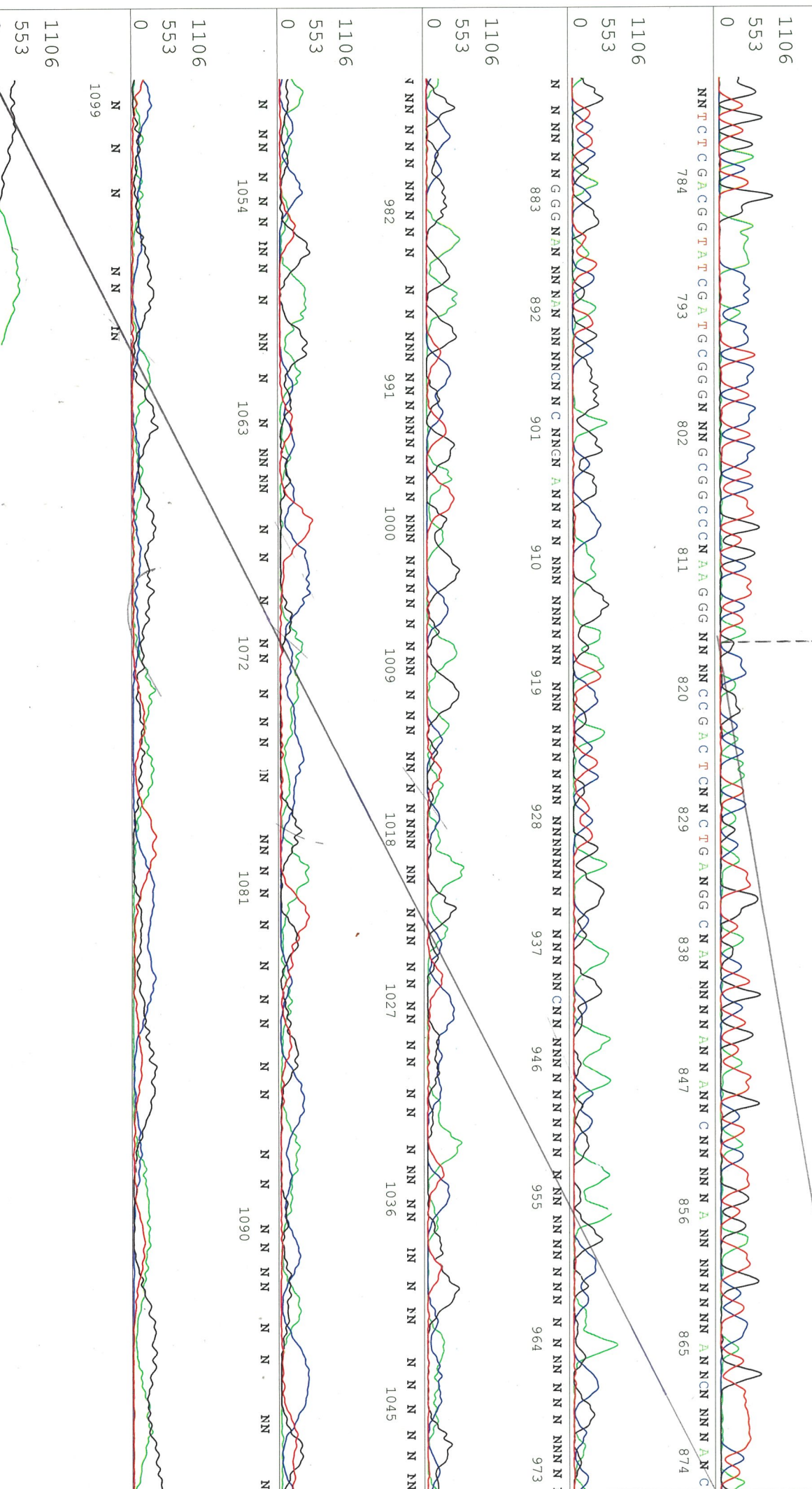








Version 6.0 HiSeqV Bases: 811





S/N G:76 A:88 T:106 C:156 primer name I : SV40pro\_F

D05101A2\_2\_A8Cd\_SV40pro\_F

Apr 11, 2018 10:10AM, JST

KB.bcp 5- TATTATGACAGAGCCGAGG -3'

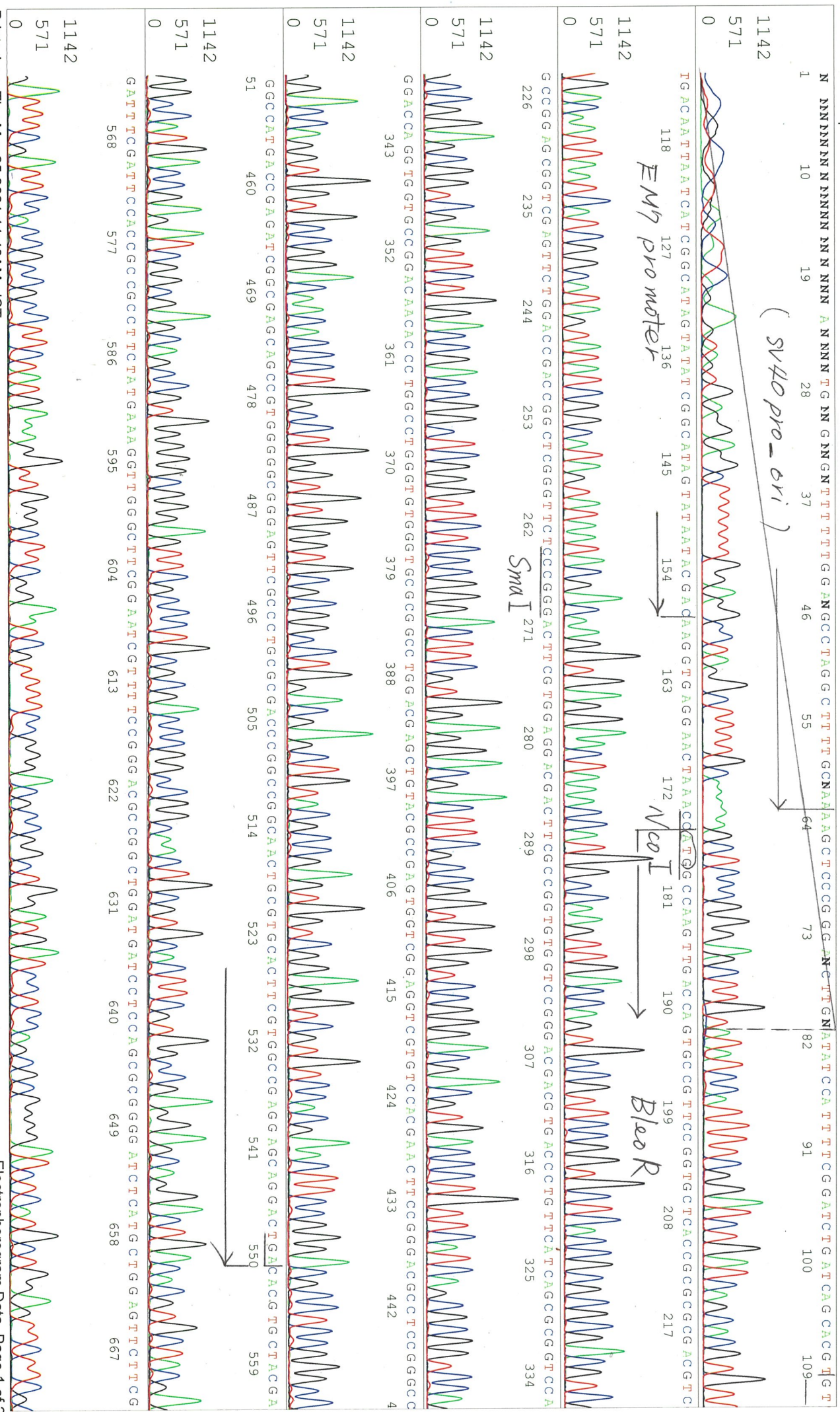
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Apr 11, 2018 10:52AM, JST

KB 1.4.1.8 Cap.2 Version 6.0 HiSeqV Bases: 852

Spacing: 11.31 Pts/Panel1350

(SV40 pro ori)





S/N G:76 A:88 T:106 C:156

D05101A2\_2\_A8Cd\_SV40pro\_F

Apr 11,2018 10:10AM, JST

KB.bcp

KB\_3500\_POP7\_BDTV3.mob

Apr 11,2018 10:52AM, JST

KB 1.4.1.8 Cap:2

Pts 1550 to 12612 Pk1 Loc:1527

Spacing:11.31 Pts/Panel1350

Version 6.0 HISQV Bases: 852

Plate Name: 20180411\_Kitaku

