

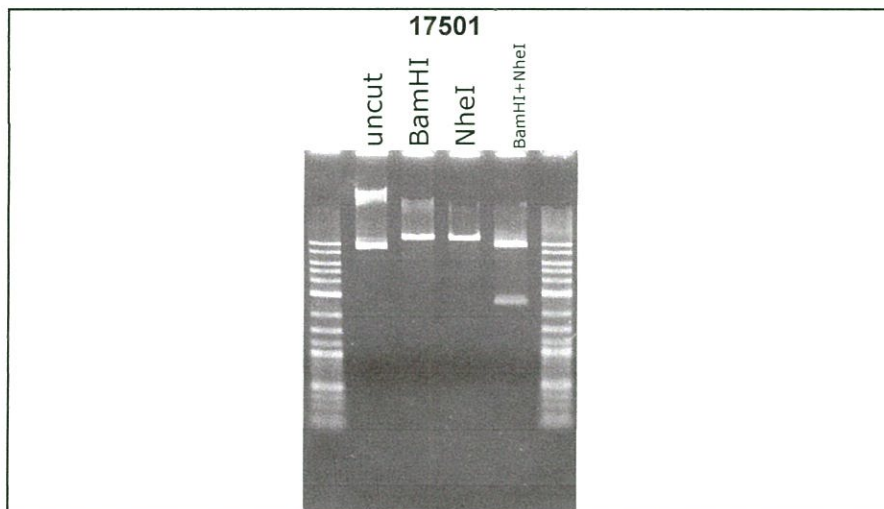
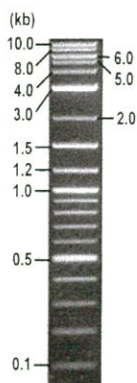


RIKEN DNA BANK

clone name : CSII FLAG-hRFWD3 LQP/AAA

- Clone ID : RDB_17501
- Lot : 17501_A9lo
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : NEB stable
- Culture : LB medium
- Antibiotics : 100 microgram/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

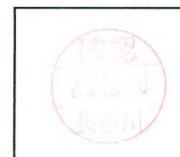
Restriction enzyme	Expected size of fragment
BamHI	12.1 kbp
NheI	12.1 kbp
BamHI+NheI	9.5, 2.5 kbp
	kbp

● Confirmation of the insertion sequence

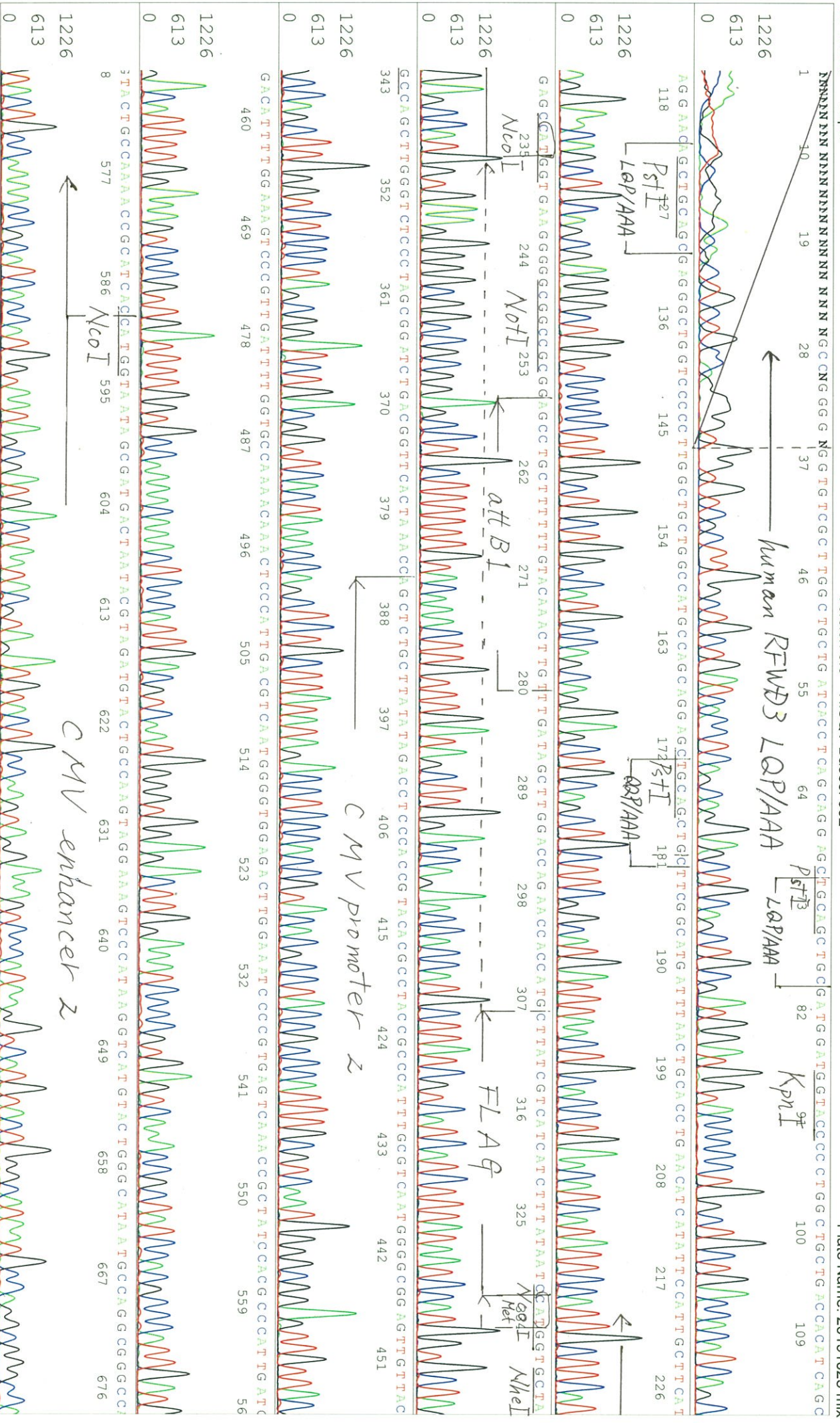
Please be sure to check our sequence analysis results before your request.

Sequence name	Primer ID	Primer name	Confirmed feature
Sequence - A	Pr0761	hRFWD3-N_R2	insert 5' (LQP/AAAx3), attB1, FLAG, CMV pro 2, CMV en 2
Sequence - B	Pr0573	IRES_R3	attB2, inset 3'
Sequence - C	Pr0255	CSII_CMV5_v2	FLAG, attB1, insert 5' (LQP/AAAx4)
Sequence - D	Pr0132	HIVgp_R1	HIV-1 psi, , 5' LTR
Sequence - E	Pr0303	cPPT+CTS_v2_F	cPPT_CTS, CMV en 2, CMV pro 2
Sequence - F	Pr0758	BSD_R1	BSD, IRES2
Sequence - G	Pr0606	BGH_rev2	bGH p(A), 3' LTR, WPRE
Sequence - H	Pr0731	SV40pro_ori_F	SV40 pro_ori, EM7 pro, BleoR, SV40 p(A)

APPROVED BY :



S/N G:54 A:38 T:43 C:42 primer name A : hRFWD3-N_R2
KB.bop
KB 1.4.1.8 Cap:3
5- TCCCAAGACCTCCACTTCTG-3'



S/N G:54 A:38 T:43 C:42

D06551B3_A91o_1_hRFWD3-N_R2

Oct 25, 2019 01:58PM, JST

KB:bcp

KB_3500_POP7_BDTv3.mob

Oct 25, 2019 02:25PM, JST

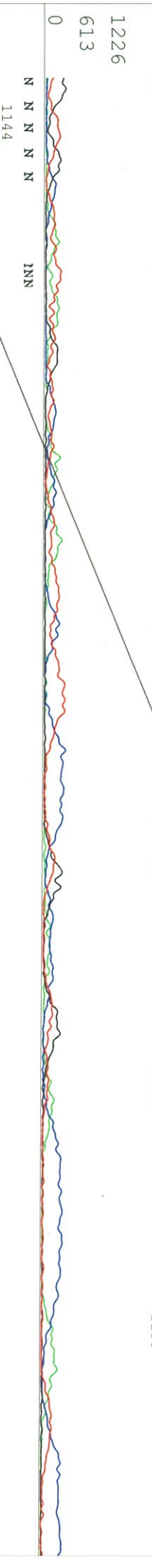
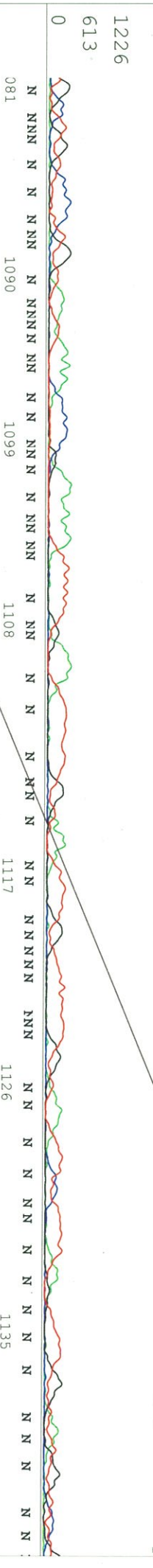
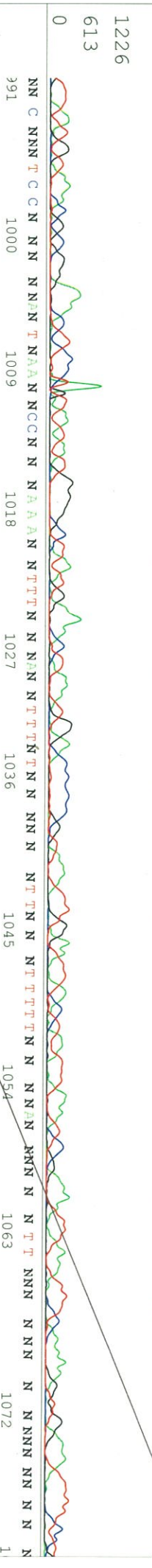
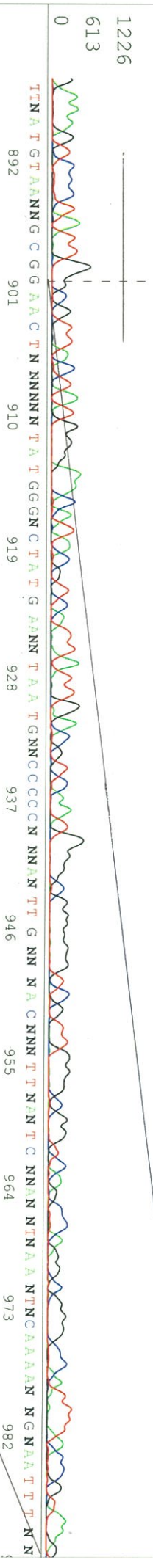
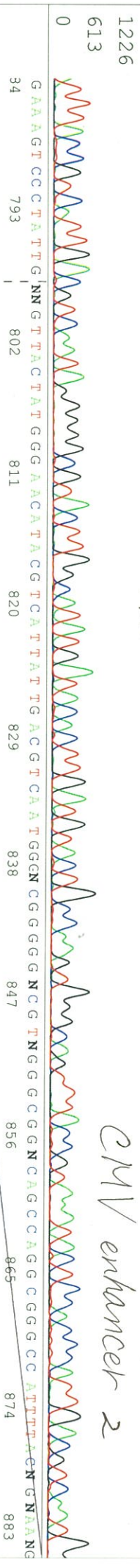
KB 1.4.1.8 Cap:3

Pls 1445 to 12321 Pk1 Loc:1422

Spacing:1.0 Pts/Panel1350

ATTTACCGTCA TTGACGTC CAATAGGGGGGCTACTTGGCATTATGATACACCTTGATGTACTGCCAAGTGGGCA GTTTACCGTAAATACTCCACCAATTGACGTTCAATG
685 694 703 712 730 739 748 757 766 775
Abel T721

CMV enhancer 2



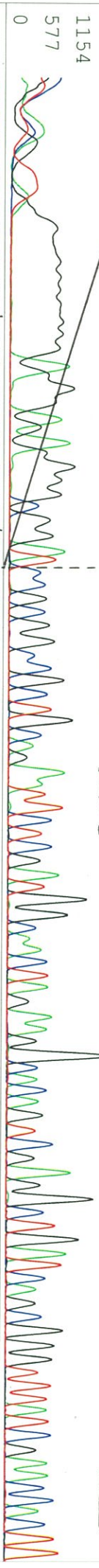
S/N G:194 A:218 T:165 C:24 primer name B : IRES_R3

KB.bcp

KB 1.4.1.8 Cap:8

5'-ACACCGGCCTTATTCGAAG-3'

1 NNNNN NNN NNN GGG N NG G NN G G NN NN GGG GGG G NN CCC GCG GCG GCG T G C A G A T T C T C G A T G G C A A C T A G A A G G C A C A G T C G A G G C T G A T C A G C G G G T T T A T C G A A C C A C T T



2 TGTACAA GAA GCTGGGGTCGGCGCGGCCCAACCCTTTCACCTCCCACTTATAGATGTGACCCTCTCTGTAA GGTAA GCCCAAGTAA GCGCTGTTACGGTTCACTCAAATGGGCA G

ATGTCCAACACA GGCGGTATCGGCTCTGTAAGTCCCTGGAGCAACGAGCCA CTGGCGACATCCCAACA GAGGCA GAATTTGCTGCTTCA TCCCA GTACACACCA GGATGTTGGCA

TCATTCTCTGGGCTTTTGAAATGGCATTTTGGTCAATAGTTTGCAAAGTAAGTCCCTCCAAAATGTATGTACA GCGTGGCAGGAGCAGATTTGGATTTCCA GTGTCATCCA G

TCGGTAGGACATTTCCATCAGCACTTCGTTAGTGGTGGTGTGATTTTATCA GGCCCTGTAGGTCACAAGA CA GTGCGCGGAGCGTGTCTCTGCTGA AAGTCTATGCAAGCC

CCTGGCTCCAA GGGCA GCA CATGAGGCCAATGA GAAAAGTCCA TTTCTGTTCCCA GAATGAAGCATCCTCCAA GGTTCACG CCA GCCACC CA CCA TATGGA AATGCA GCT

0 577 1154

SN G:119 A:122 T:139 (primer name *D* : HIVgp_R1

D06551B3_A910_1_HIVgp_R1
KB_3500_POP7_BDTV3.mob

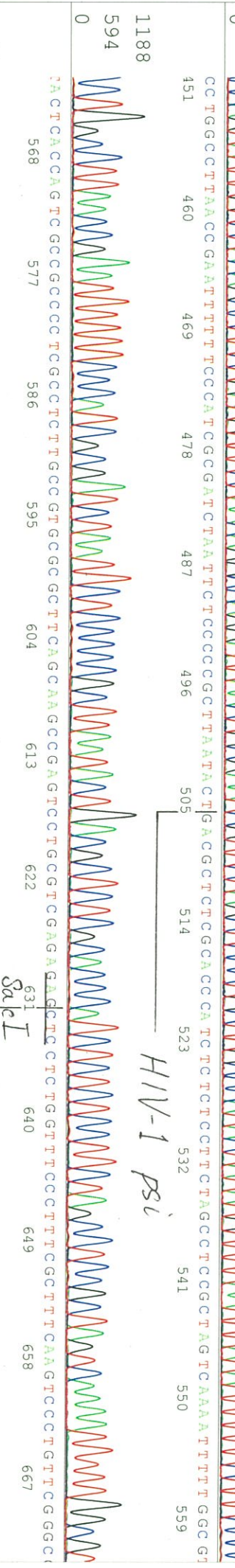
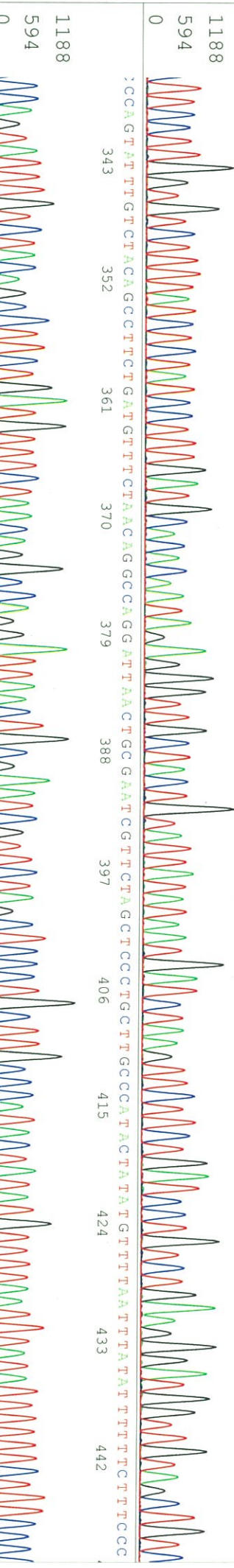
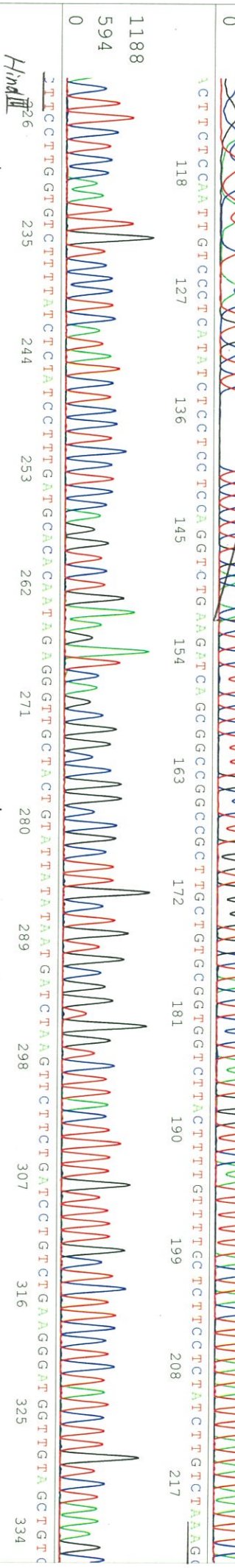
Oct 17, 2019 02:01PM, JST
Oct 17, 2019 02:37PM, JST

KB.bcp
KB 1.4.1.8 Cap.11

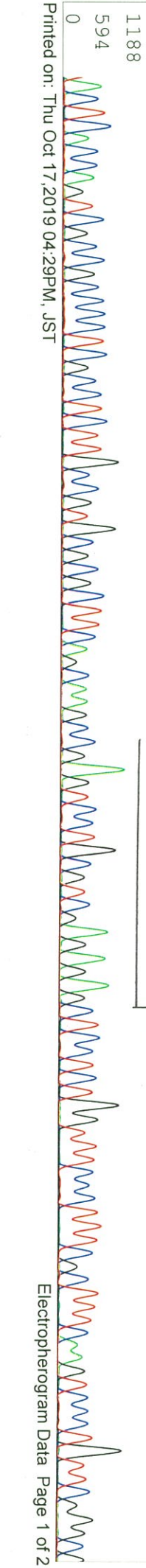
5'-TGCTTCTGCTGCTGCCAAG-3'

Pts 1374 to 13185 Pk1 Loc:1351
Version 6.0 HISQV Bases: 987

Spacing: 11.81 Pts/Panel1350
Plate Name: 20191017_kitaku



HIV-1 psi



S/N G:85 A:95 T:93 C:100 primer name E : cpPT+CTS_v2_F
KB.bcp 5-AGTGCAGGGGAAAGAATAG-3'
KB 1.4.1.8 Cap:14

D06551B3_A910_1_cpPT+CTS_v2_F

KB_3500_POP7_BDTV3.mob

Pts 1371 to 13113 Pk1 Loc:1348

Version 6.0 HISQV Bases: 943

Oct 17, 2019 02:01PM, JST

Oct 17, 2019 02:37PM, JST

Spacing: 11.67 Pts/Panel1350

Plate Name: 20191017_kitaku

1 10 19 28 37 46 55 64 73 82 91 100 109
NNNN NNN NNN N C NNN NN NN T A C N A A A A C N A A T T A C A A A A A T T C G G G T T T A T T A C A G G A C A G A A A T T C A C T T G A A T T A A T T C G A T T A A T A G T A A T

cpPT-CTS

0 457 914
CAATTACGGGGTCACTTAGTTCATAGCCCATATATATGAGTTCCTCCGCTTACATAACTTTACCGGTAATAATGGCCCGCTGGCTGACC GCCCAAACGACCCCGCATTGACCGTCAAT

CMV enhancer 2

0 457 914
FAATGACGTTATGTTCCCATAGTAACGCCAATAGG GACTTCCCATTGACGTCATGGGTGGAGTATTACGGTAAACTGCCCACTTGGCGAGTACATCAAAGTGTATCATATGCGCAA

NdeI 334

0 457 914
GTACGCCCCCTATTGACGTCATGACGGTAAATGGCCCGCTGGCCATTATGCCCAAGTACATGACCTTATGGGACTTTCTTACTTGGCA GTACATCTACG TATTTAATCATCGCTG

0 457 914
ATTACCATTGCTGATCCGGTTTGGCAATTACATCAATGGGGCTGGATAGCCGGTTTGACTCAAGGGGATTTCCCAAGTCTCCCAACCCTTGAACGTCATCAATGGAGTTGTTTGGC

CMV promoter 2

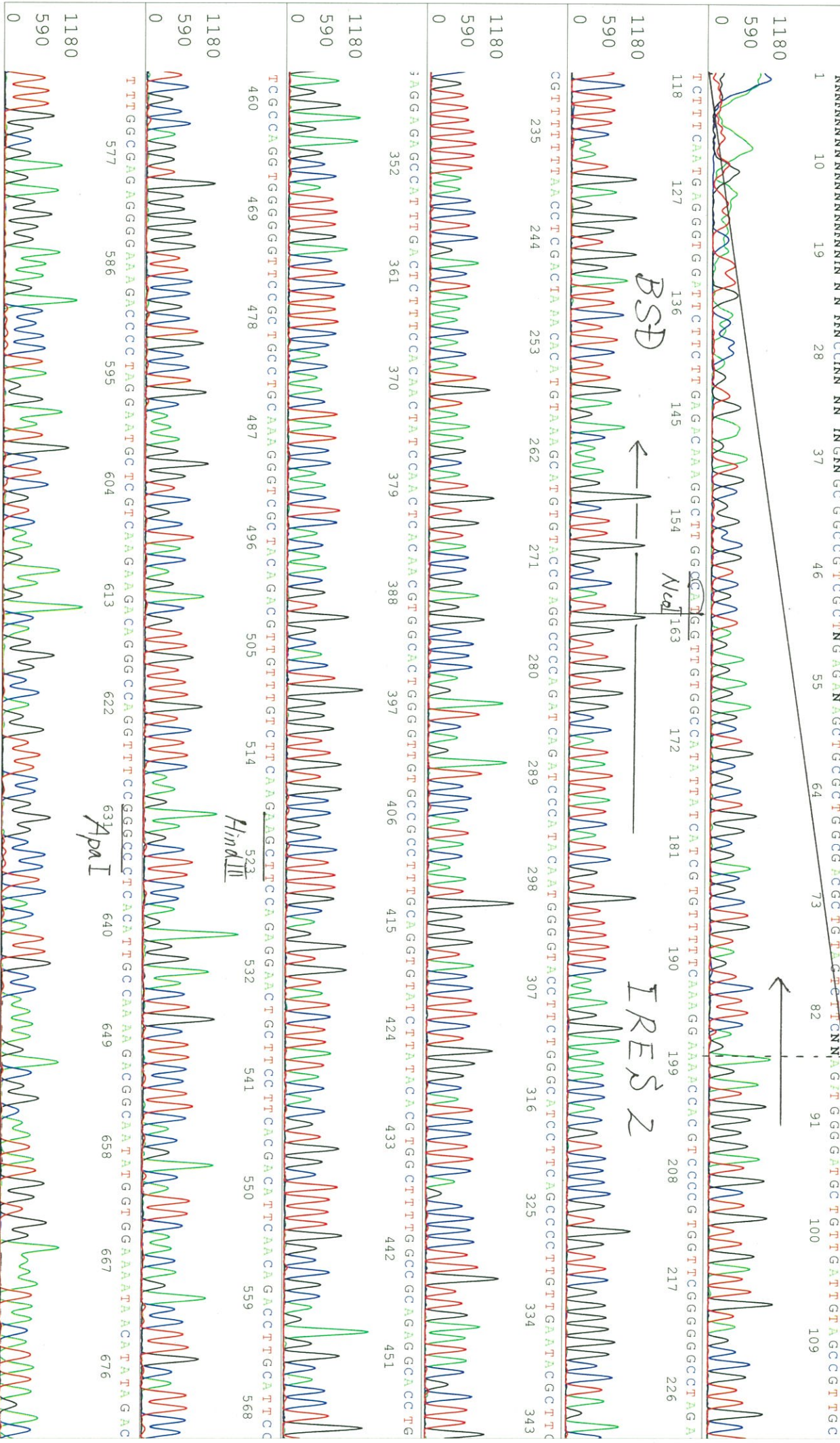
151 460 469 478 487 496 505 514 523 532 541 550 559
NcoI

0 457 914
ACCAAAATCAACGGGACTTCCCAAATGTCGTTAAACAATCTCCGCCCAATTGACGCAAAATGGGGCGGTAGGGCTGTACGGTGGAGGCTATATAAGCAGAGCTGTTTAGTGA

S/N G:28 A:25 T:21 C:29 primer name **F** : BSD_R1
KB.bcp
KB 1.4.1.8 Cap:20 5'-CAGCACACGAGTCTGCAC-3'

D06551B3_A910_1_BSD_R1
KB_3500_POP7_BDTV3.mob
Pis 1360 to 13028 Pk1 Loc:1337
Version 6.0 HiSQV Bases: 878

Oct 21, 2019 02:01PM, JST
Oct 21, 2019 02:39PM, JST
Spacing:11.67 Pts/Panel1350
Plate Name: 20191021_kitaku



S/N G:28 A:25 T:21 C:29

D06551B3_A91o_1_BSD_R1

Oct 21, 2019 02:01PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Oct 21, 2019 02:39PM, JST

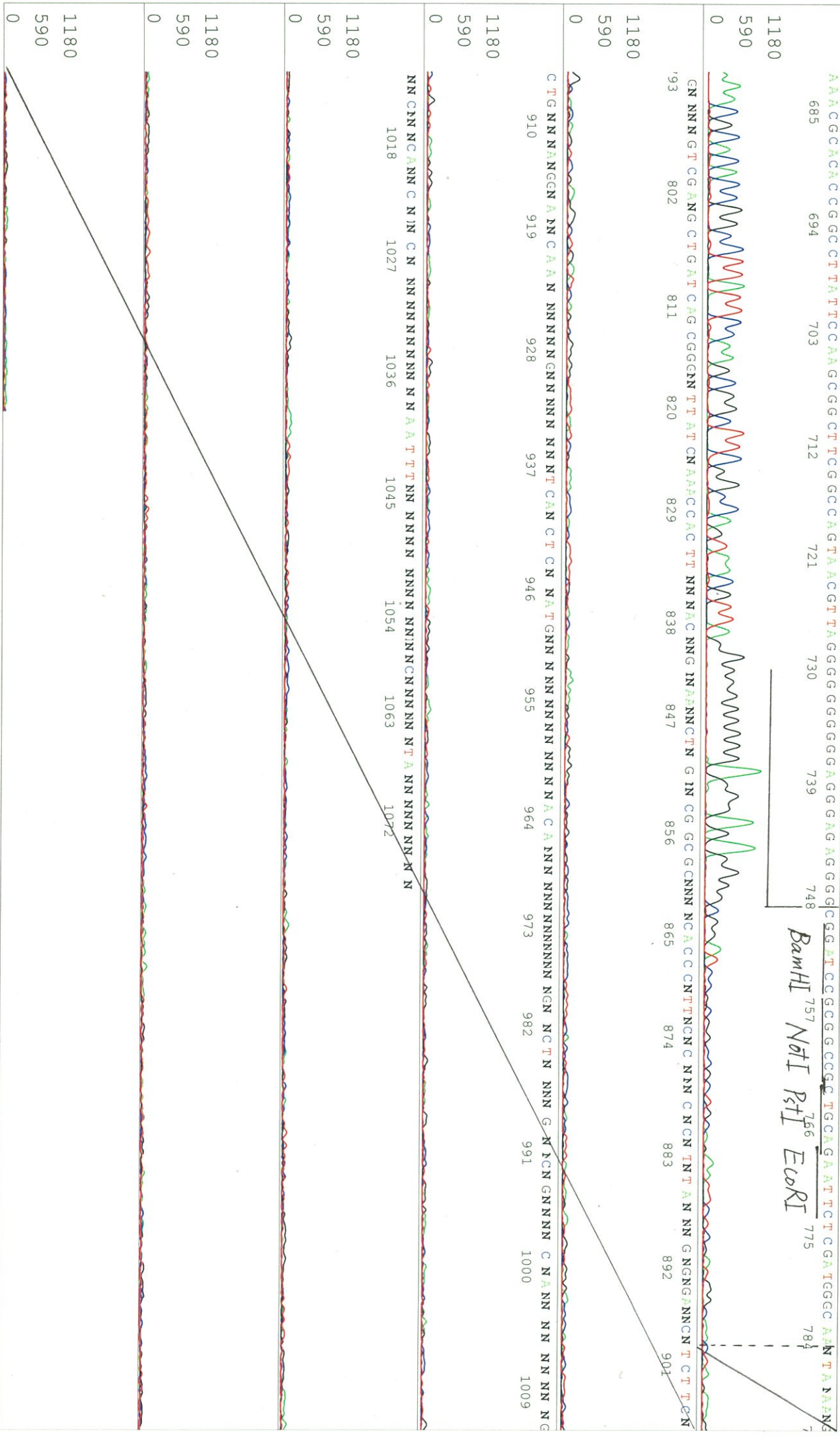
KB 1.4.1.8 Cap:20

Pts 1360 to 13028 Pk1 Loc:1337

Spacing: 11.67 Pts/Panel1350

Version 6.0 HiSQV Bases: 878

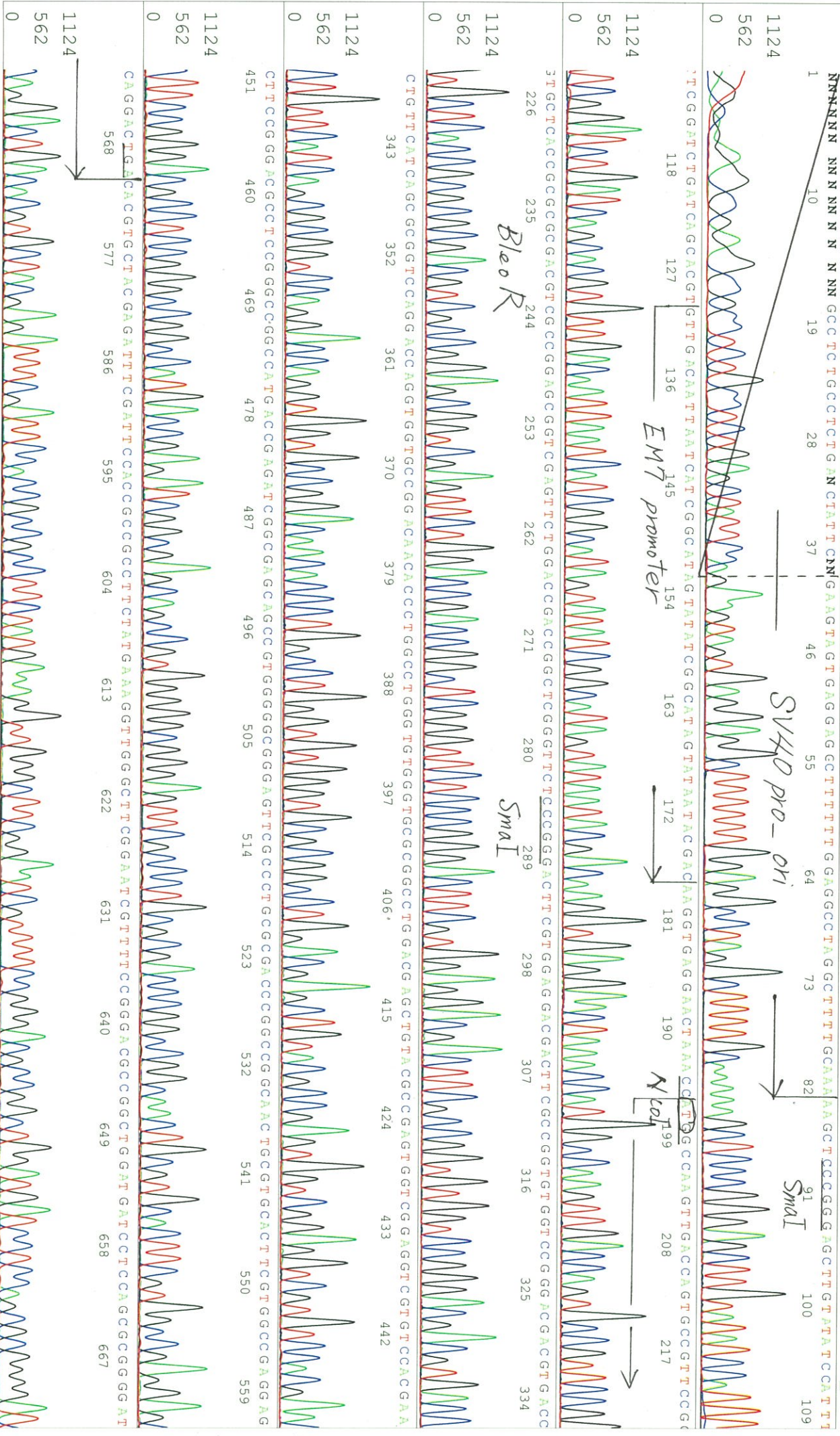
Plate Name: 20191021_kitaku



S/N G:195 A:190 T:16' primer name H : SV40pro_ori_F
KB.bcp 5- TTCTCCGCCCCATGGCTGACTAAT -3'
KB 1.4.1.8 Cap:23

D06551B3_A91o_1_SV40pro_ori_F
KB_3500_POP7_BDTV3.mob
Pis 1395 to 13168 Pk1 Loc:1372
Version 6.0 HiSQV Bases: 956

Oct 17, 2019 02:04PM, JST
Oct 17, 2019 02:37PM, JST
Spacing: 11.77 Pts/Panel1350
Plate Name: 20191017_Kitaku



S/N G:195 A:190 T:161 C:265

D06551B3_A9io_1_SV40pro_ori_F

KB_3500_POP7_BDTV3.mob

Pts 1395 to 13168 PK1 Loc:1372

Version 6.0 HISQV Bases: 956

KB.bop

Oct 17, 2019 02:01PM, JST
Oct 17, 2019 02:37PM, JST
Spacing: 11.77 Pst/Panel1350
Plate Name: 20191017_kitaku

