

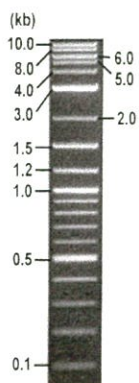


RIKEN DNA BANK

clone name : CSII FLAG-hRFWD3 C315A/I639K

- Clone ID : RDB_17500
- Lot : 17500_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	Pr0757	hRFWD3-N_R	insert 5', attB1, FLAG, CMV pro 2, CMV en 2
Sequence - B	Pr0573	IRES_R3	attB2, insert 3' (I639K)
Sequence - C	Pr0753	hRFWD3-N_F	insert mid (C315A)
Sequence - D	Pr0132	HIVgp_R1	HIV-1 psi, 5' LTR
Sequence - E	Pr0303	cPPT+CTS_v2_F	cPPT_CTS, CMV en 2, CMV pro2
Sequence - F	Pr0036	IRES-F	IRES2, BSD, WPRE
Sequence - G	Pr0142	f1ori_R3	bGH p(A), 3' LTR
Sequence - H	Pr0731	SV40pro_ori_F	SV40 pro_ori, EM7 pro, BleoR, SV40 p(A)

APPROVED BY :

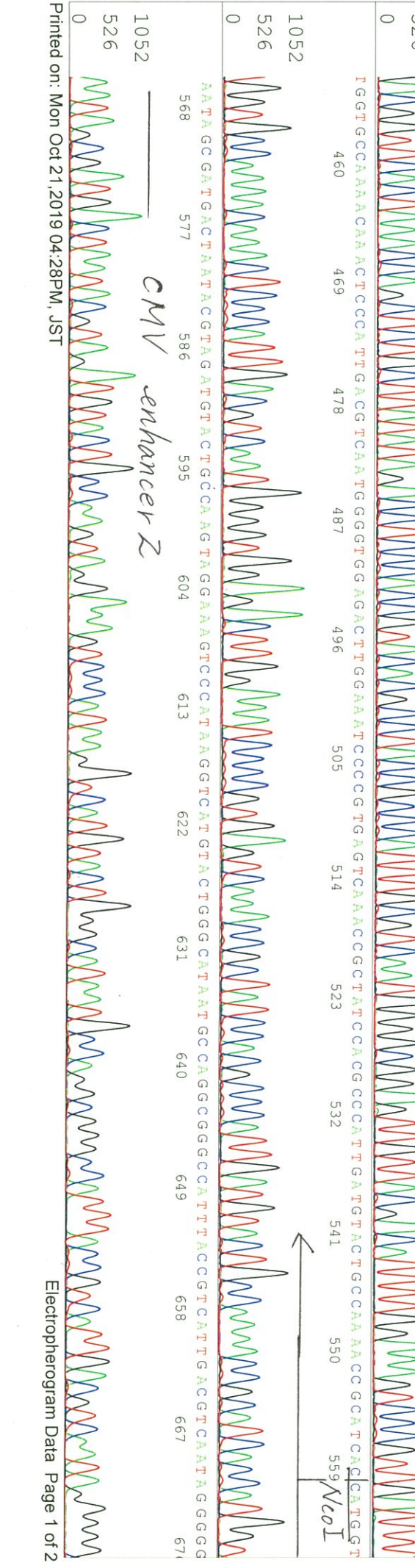
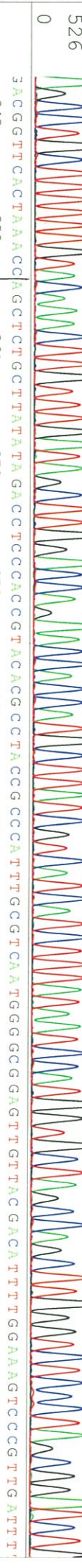
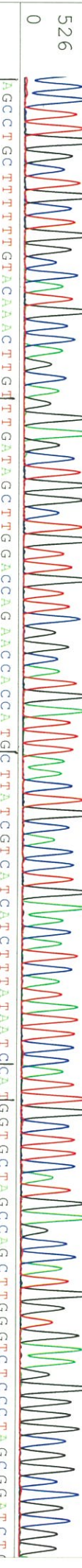
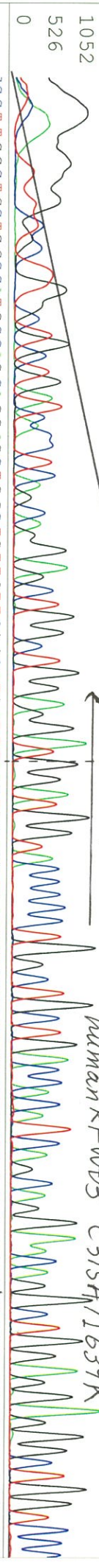


S/N G:250 A:228 T:222 C: primer name A : hRFWD3-N_R

KB.bcp KB_3500_POP7_BDTV3.mob Oct 21, 2019 02:01PM, JST

KB 1.4.1.8 Cap:8 5- AGACAGTTGGCGAGCAGG-3' PIs 1352 to 13094 PK1 Loc:1329 Spacing:11.74 PIs/Panel1350

Version 6.0 HiSQV Bases: 947



S/N G:250 A:228 T:222 C:270

D06551B2_A910_1_hRFWD3-N_R

Oct 21, 2019 02:01PM, JST

KB.bcp

KB_3500_POPP_BDTV3.mob

Oct 21, 2019 02:39PM, JST

KB 1.4.1.8 Cap:8

Pls 1352 to 13094 PK1 Loc:1329

Spacing: 11.74 Pts/Panel1350

Version 6.0 HiSQV Bases: 947

Plate Name: 20191021_kitaku

CGTACTTGGCATTGATACACTTGATGTTACTGCCAAAGTGGGCAAGTTTACCCTAAATACCTCCACCATTGACCGTCAATGAAAGTCCCTATTGGCGTTACTATGGGAACA

5 685 694 703 712 721 730 739 748 757 766 775 784

1052 526 0



TACGTCATTATTGACGTCNATGGCCGGGGTCCGTTGNGCGGTCAAGCCAGGGCCATTTACCCTAAAGTATTGTAACCGCGGANNATCCNTATATGNCMTGAACTT

793 802 811 820 829 838 847 856 865 874 883

1052 526 0



ATGNNCCCGTAATTGATTACTATTAAATCGAANTAAANTCNAAAGTGAANTTCNNNNNNCCNNNTANTAAACCCNAAAAATTTGAAATTTNGANNTTGNT

192 901 910 919 928 937 946 955 964 973 982

1052 526 0



TTTGNNTNNTNANTNNTNNNNNNNNNTNNNNNNNTNNNNNNNTNNNTTNNCCNNNTNN

991 1000 1009 1018 1027 1036 1045 1054 1063 1072 1081

1052 526 0



NN

1090 1099 1108 1117 1126 1135 1144

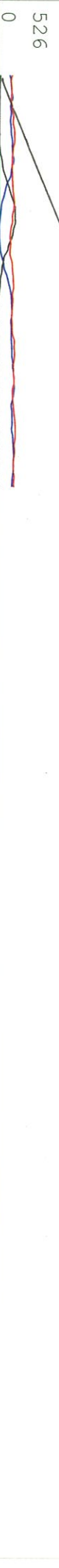
1052 526 0



NN

1153 1162

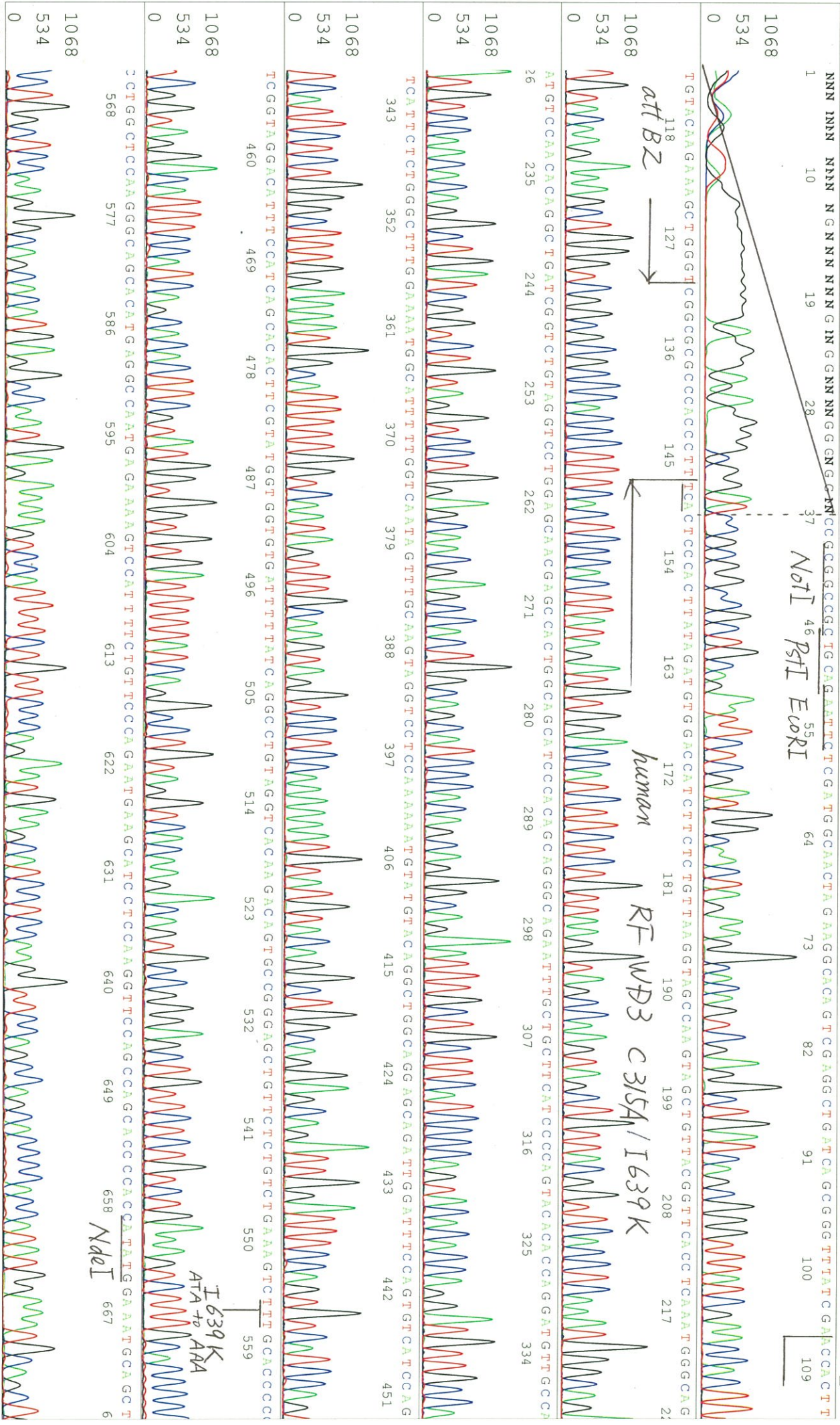
1052 526 0



S/N G:274 A:238 T:211 C:313 primer name B : IRES_R3
KB.bcp 5'-ACACCGGCCTATTCCAAG-3'
KB 1.4.1.8 Cap:9

D06551B2_A91o_1_IRES_R3
KB_3500_POP7_BDTV3.mob
Pis 1417 to 13170 Pk1 Loc:1394
Version 6.0 HISQV Bases: 935

Oct 18,2019 02:31PM, JST
Oct 18,2019 02:59PM, JST
Spacing:11.7 Pts/Panel1350
Plate Name: 20191018_MGE



S/N G:274 A:238 T:211 C:313

D06551B2_A910_1_IRES_R3
KB_3500_POP7_BDTV3.mob

Oct 18, 2019 02:31PM, JST

KB.bcp

Pts 1417 to 13170 Pk1 Loc:1394

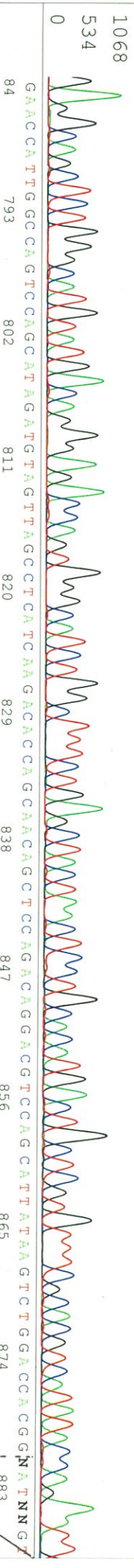
Oct 18, 2019 02:59PM, JST

KB 1.4.1.8 Cap:9

Version 6.0 HiSQV Bases: 935

Spacing: 11.7 Pts/Panel1350
Plate Name: 20191018_MGE

GA GGCAGCCTCTGGGGCATGTATGACAGGGGAGACCAGTTGGGCATCTGGCTTCTGAGCTACTAACCTCCGTCATGACTGCTCGTGTGTTCCGCACCGTCAATATCAAGAAATT
76 685 694 703 712 721 730 739 748 757 766 775 7



GAACCAATTGGCCAGTCCAGCATAGATGTAGTTAGCCTCATCAAGACACCA GCAA CAGCTCCAGACAGGACGTCACATTATAAGTCTGGACCA CGGATNNGT
84 793 802 811 820 829 838 847 856 865 874 883

CTCCAGGCTGGNCA GTTNAATAGNGTTGTCNANGGAA NCA GANANTANCAA GCNNCTNAN GNNNNNGC NNAACGCCA GNNCNG NNC TTNNTTGNN
892 901 910 919 928 937 946 955 964 973 982

TGCATNN
991 1000 1009 1018 1027 1036 1045 1054 1063

NN
1072 1081 1090 1099 1108 1117 1126

NN
1135 1144

1068
534
0

S/N G:47 A:62 T:48 C:65 primer name C : hRFWD3_N_F

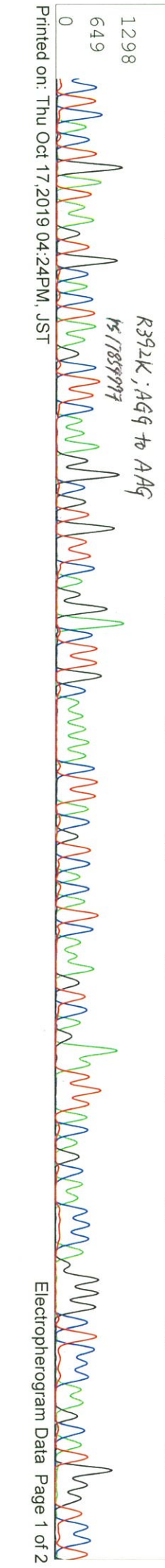
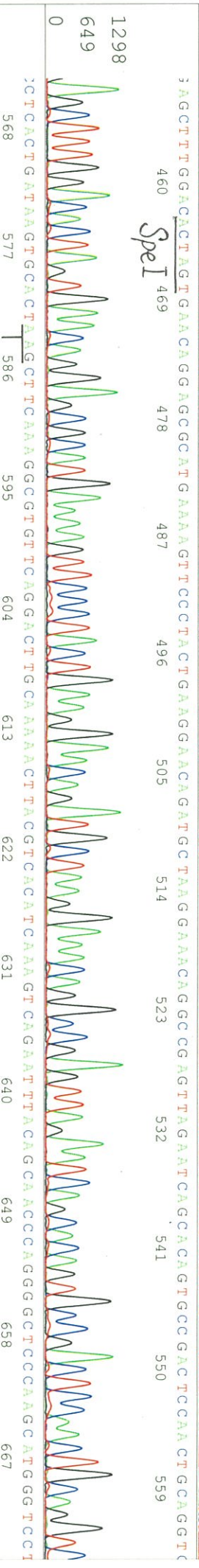
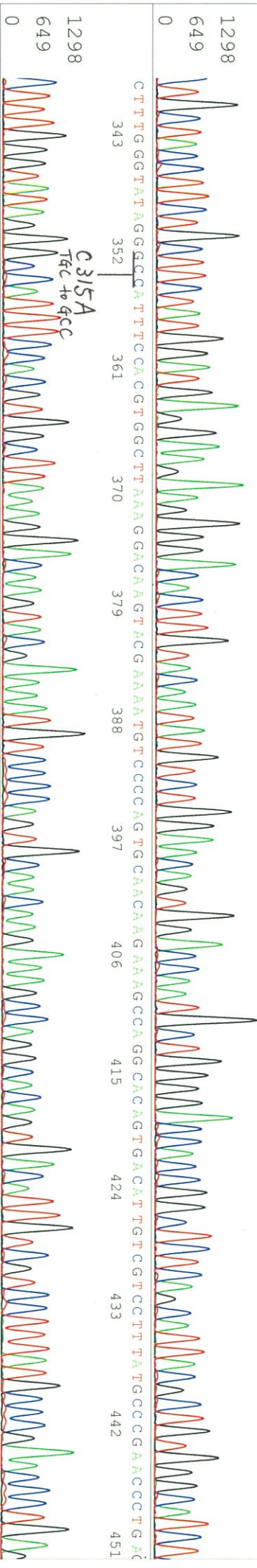
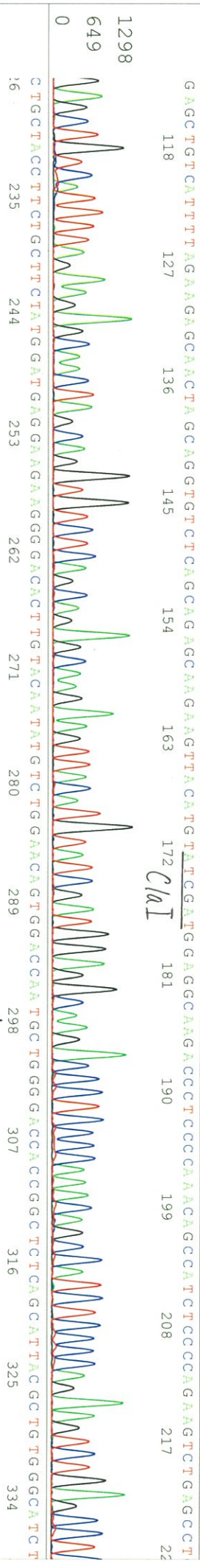
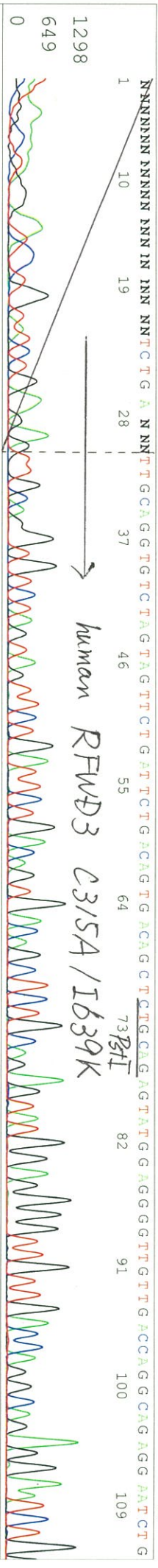
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KB_3500_POP7_BDTV3.mob
Pfs 1389 to 12319 Pk1 Loc:1366

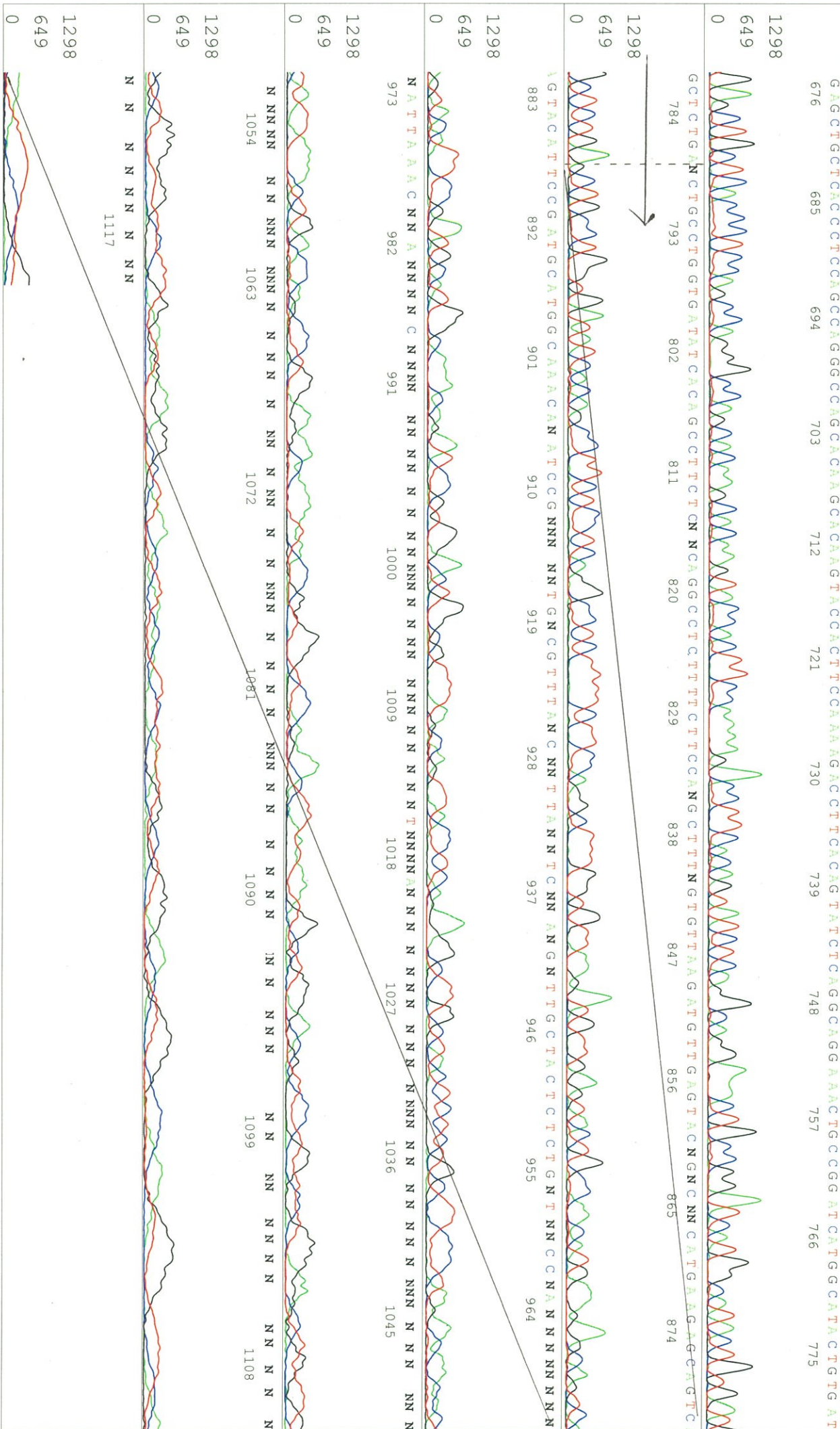
Oct 17,2019 02:05PM, JST
Oct 17,2019 02:39PM, JST
Spacing:11.11 Pfs/Panel1350

KB.bcp KB 1.4.1.8 Cap:5 5- CAGCCTGACTTGCACGCTAC -3'

Version 6.0 HiSQV Bases: 929

Plate Name: 20191017_kitaku





S/N G:37 A:40 T:48 C primer name ψ : HIVgp_R1

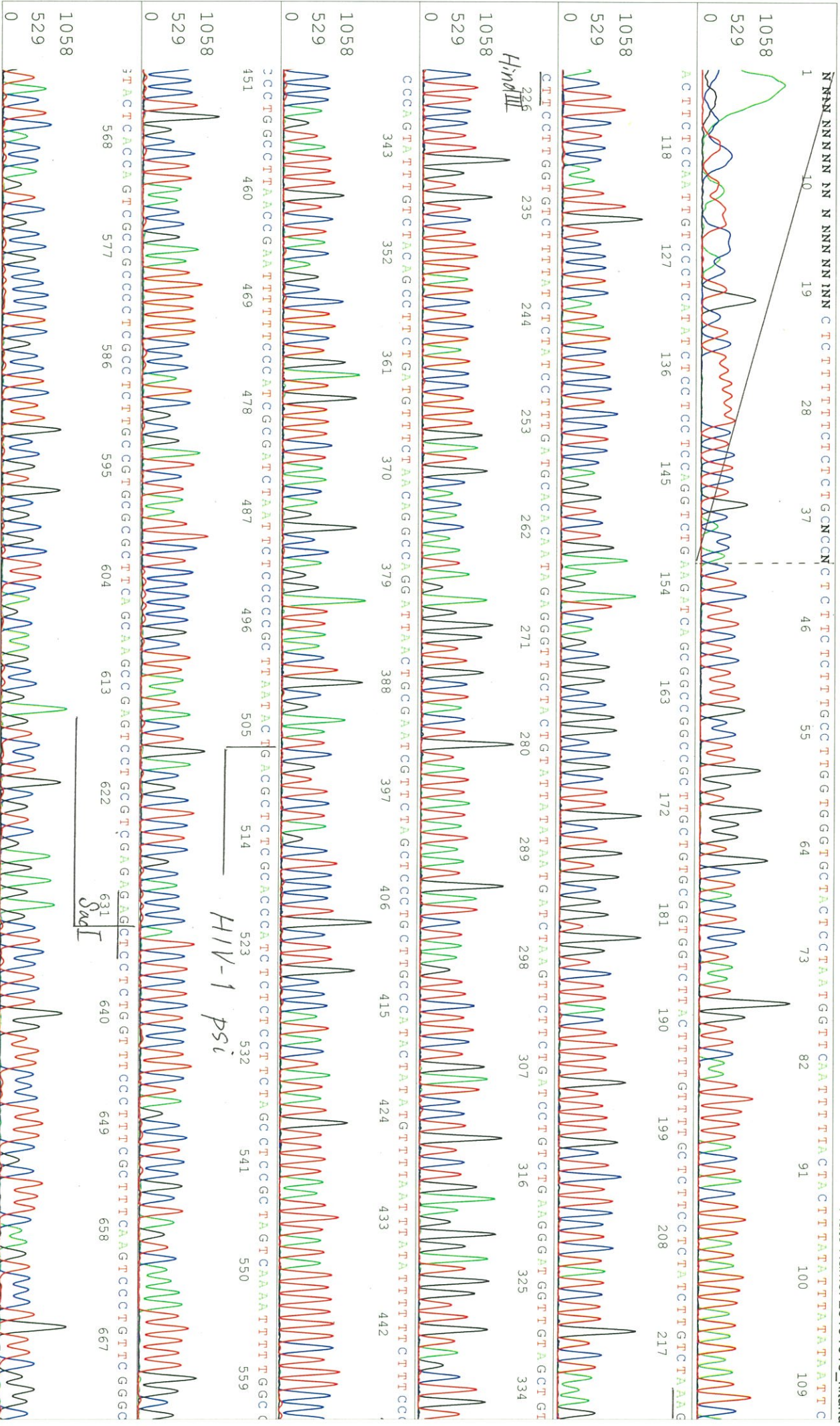
D06551B2_A91o_1_HIVgp_R1
KB_3500_POP7_BDTV3.mob
Pfs 1418 to 13351 Pk1 Loc:1395

Oct 16, 2019 02:10PM, JST
Oct 16, 2019 02:36PM, JST
Spacing: 11.92 Pfs/Panel1350

KB bcp
KB 1.4.1.8 Cap:9 5'-TGCTTCCTGCTGCTCCCAAG-3'

Version 6.0 HISQV Bases: 973

Plate Name: 20191016_Kitaku



S/N G:37 A:40 T:48 C:60

D06551B2_A91o_1_HIVgp_R1
KB_3500_POP7_BDTv3.mob

Oct 16, 2019 02:10PM, JST

KB.bcp

Pts 1418 to 13351 Pk1 Loc:1395

Oct 16, 2019 02:36PM, JST

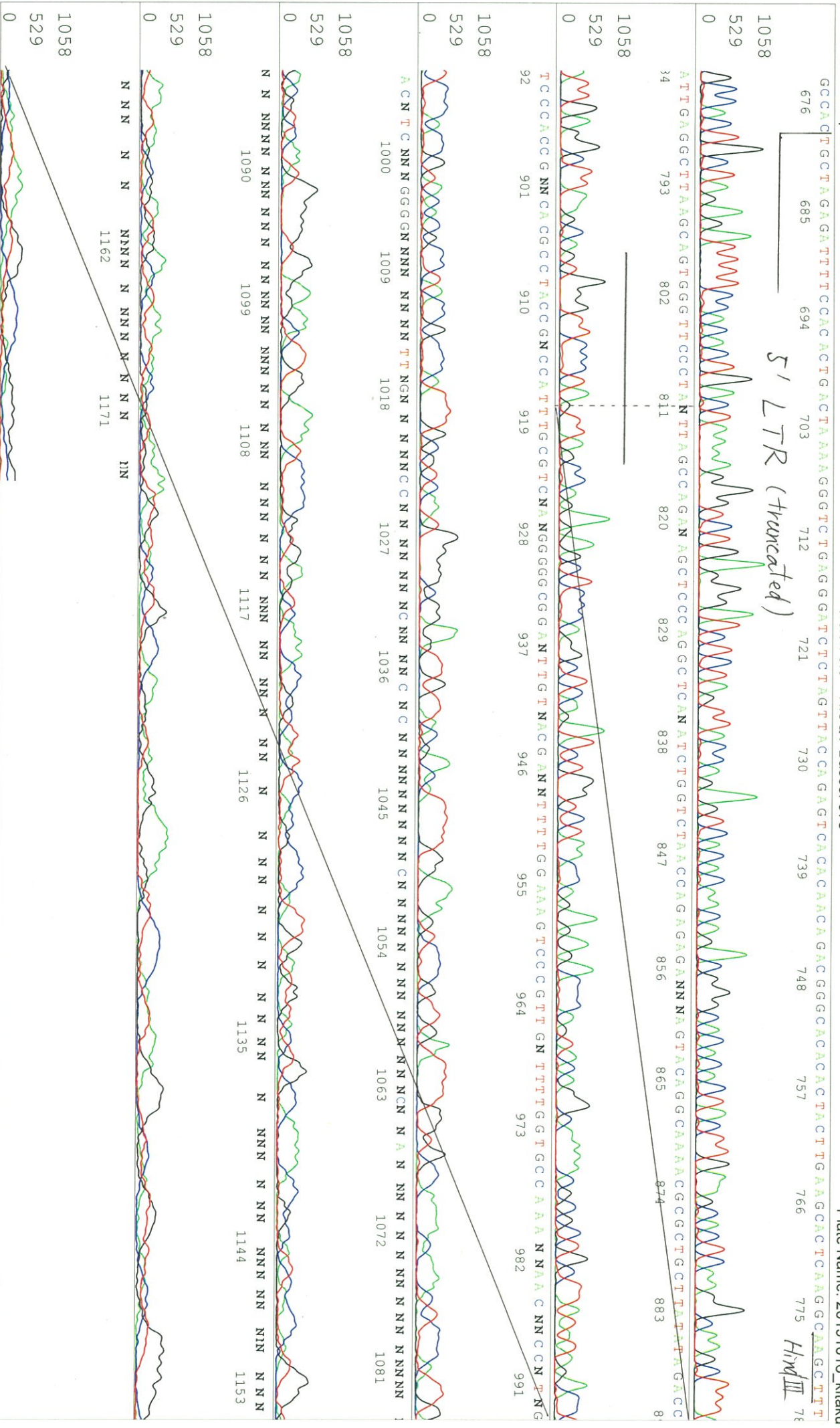
KB 1.4.1.8 Cap:9

Version 6.0 HiSQV Bases: 973

Spacing:11.92 Pts/Panel1350
Plate Name: 20191016_kitaku

5' LTR (truncated)

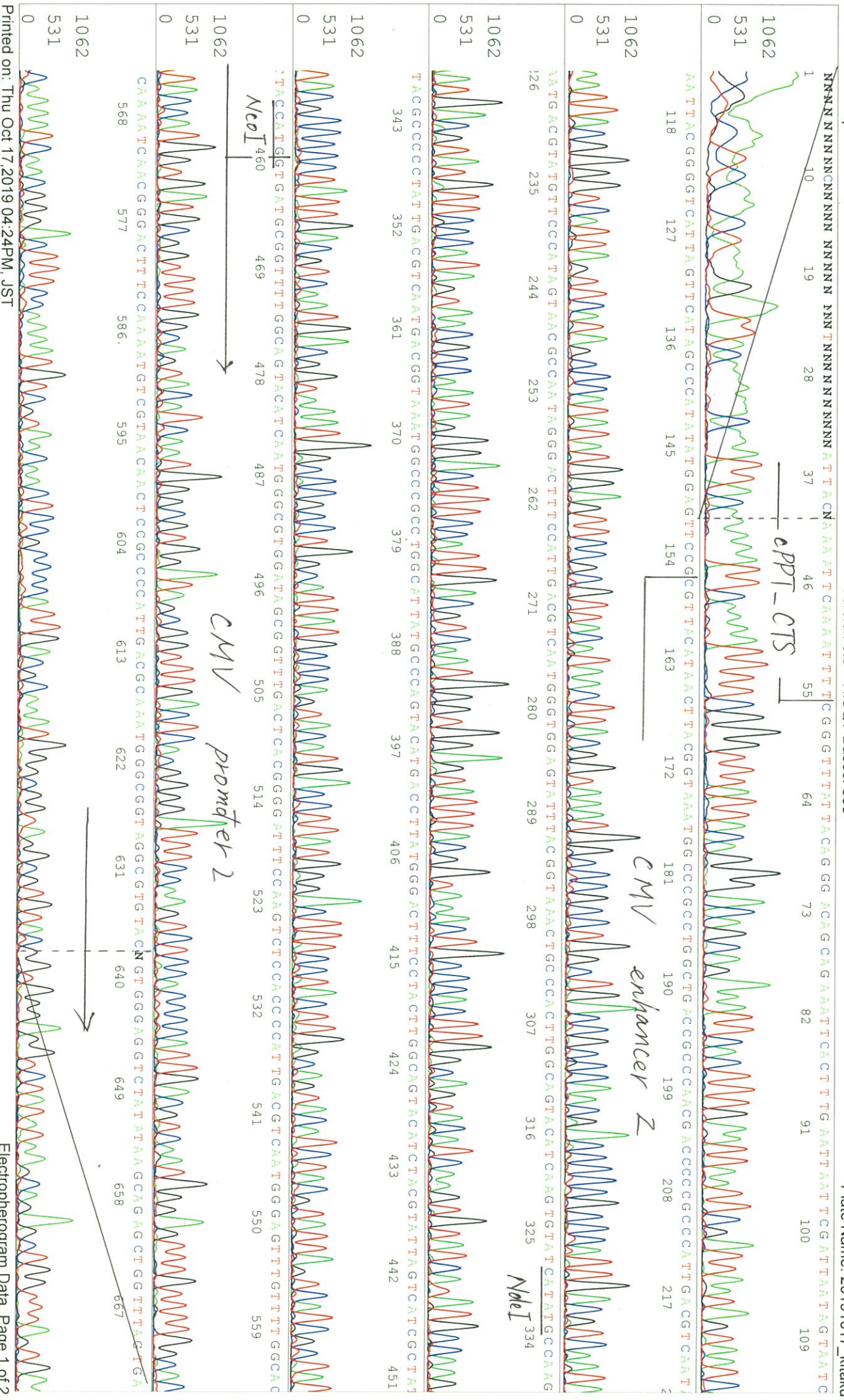
HindIII



S/N G:30 A:43 T:41 C:48 primer name *E* : cPPT+CTS_v2_F
 KB.bcp
 KB 1.4.1.8 Cap:3 5- AGTGCAGGGGAAAGAATAG -3'

D06551B2_A9lo_1_cPPT+CTS_v2_F
 KB_3500_POP7_BDTV3.mob
 Pts 1399 to 12421 Pk1 Loc:1376
 Version 6.0 HISQV Bases: 883

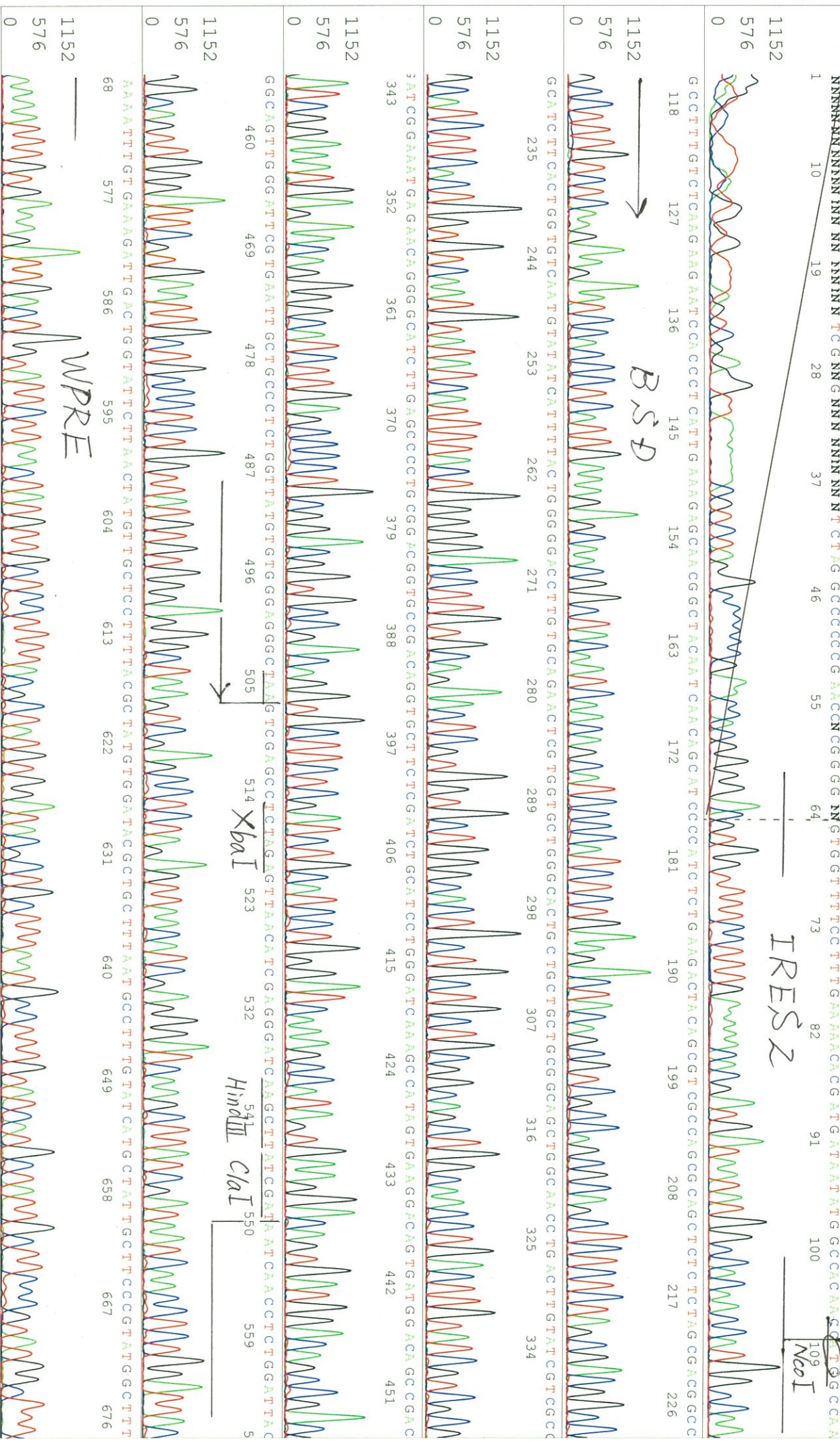
Oct 17, 2019 02:05PM, JST
 Oct 17, 2019 02:39PM, JST
 Spacing: 11, 17 Pts/Panel1350
 Plate Name: 20191017_kitaku



S/N G:32 A:31 T:36 C:46
KB.bcp
KB 1.4.1.8 Cap:4
primer name *F* : IRES-F
5'- TTGTATGGGATCTGATCTGG-3'

D06551B2_A910_1_IRES-F
KB_3500_POP7_BDTV3.mob
Pfs 1407 to 12476 Pk1 Loc:1384
Version 6.0 HiSeqV Bases: 902

Oct 17, 2019 02:05PM, JST
Oct 17, 2019 02:39PM, JST
Spacing: 11.27 Pfs/Panel1350
Plate Name: 20191017_kitaku



S/N G:32 A:31 T:36 C:46

D06551B2_A9lo_1_IRES-F

Oct 17, 2019 02:05PM, JST

KB.bcp

KB_3500_POP7_BDTV3.mob

Oct 17, 2019 02:39PM, JST

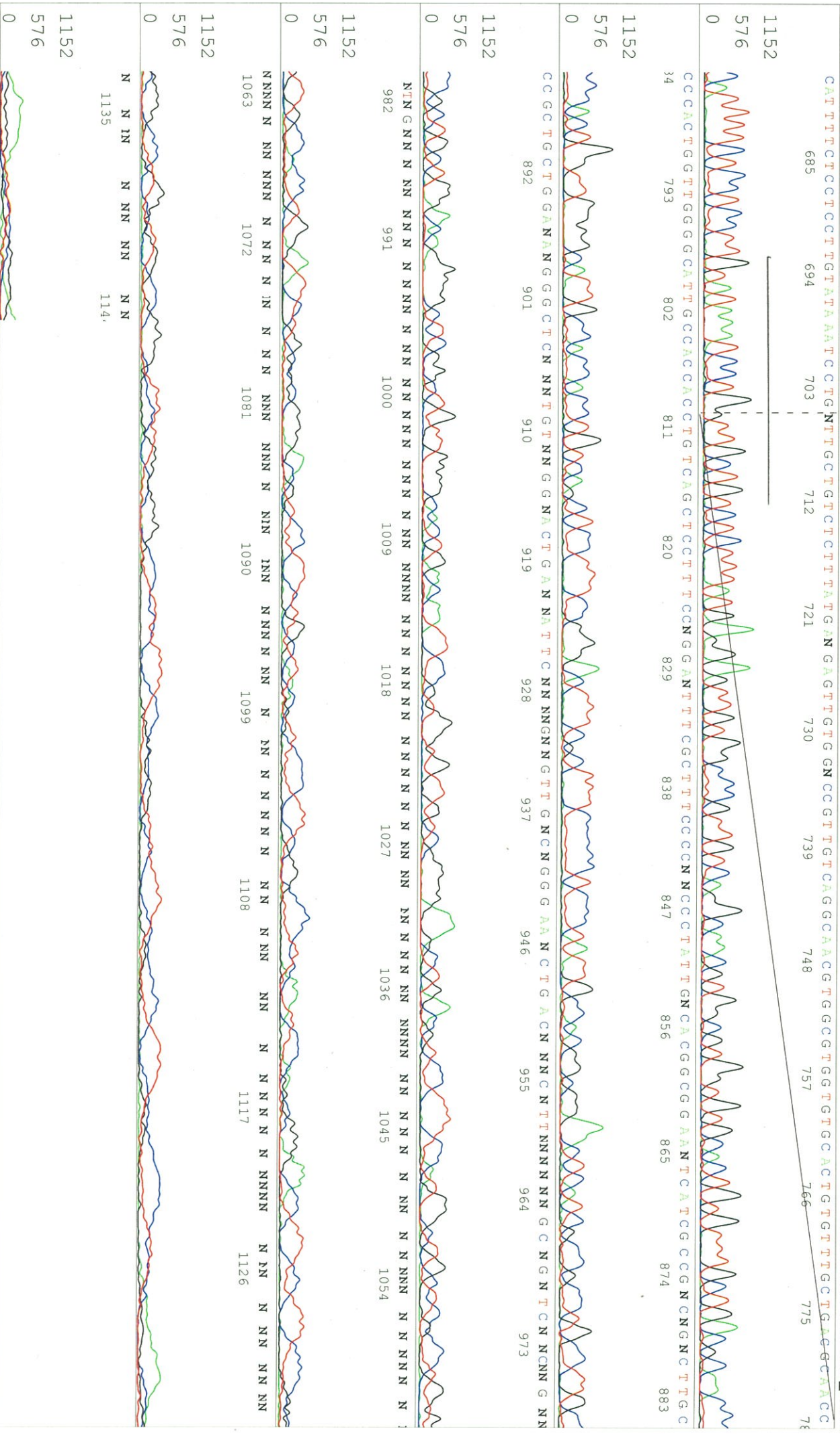
Pts 1407 to 12476 Pk1 Loc:1384

Spacing: 11.27 Pts/Panel1350

KB 1.4.1.8 Cap:4

Version 6.0 HISQV Bases: 902

Plate Name: 20191017_kitaku



S/N:G:19 A:20 T:17 C:25 primer name f1ori_R3

D06551B2_A91o_1_f1ori_R3

Oct 16, 2019 02:10PM, JST

KB:bcp 5'- TTAATGCGCCGCTACAGGGC -3'

KB_3500_POP7_BDTV3.mob

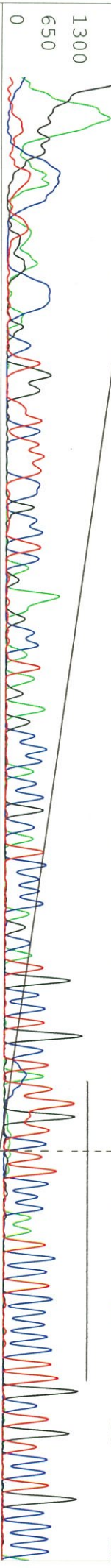
Oct 16, 2019 02:36PM, JST

KB 1.4.1.8 Cap:15 Pts 1365 to 13236 Pk1 Loc:1342

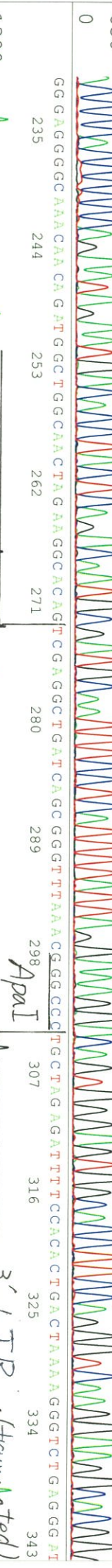
Version 6.0 HISQV Bases: 950

Spacing:11.67 Pts/Panel1350

1 10 19 28 37 46 55 64 73 82 91 100 109 118
NNNNNNNNNN N NNNNN N NNNNN N GGINCTT TCN GGCCTCN GAA N CNNTAG AGCCCAACC G CATTCCCAGCATGGCCCTGCTNNNNNNNTTCCCAA T CCTCCCCCTTGCTGTCCTGCC



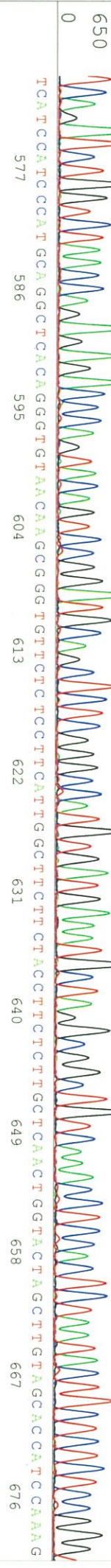
3 ACCCCACCCCCAGAAATAGAAATGACACCTACTCAGACAAATGGCATGCAATTTCCTCAATTTAATAAGAAAAGACA GTGGAGTGGCACTTCCAGGTCAAAGGAAAGCCAGG
127 136 145 154 163 172 181 190 199 208 217 226



GGAGGGGCAAA CAA CAGATGGCTGGCAACTAGAAAGGCACAGTCCGAGGCTGATCAGCGGGTTTAAAGGGCCCTGCTAGAGATTTTCCACA CTGACTAAAGGGTCTGAGGAT
235 244 253 262 271 280 289 298 307 316 325 334 343



CTCTAGTTAACAGATCACACAA CAGACGGGCA CACACTTGAA GCACTCAAGGC AAGC TTTA TTGAGGCTTAAAGCAGTGGTTCCCTA GTTAGCCAGAGAGCTCCAGGC
352 361 370 379 388 397 406 415 424 433 442 450 459 468



TCA GATCTGGTCTAA C CAGAGAGACC CA GTACAGTCCGGATGCA GCTCTCGGCCATGTG ATGAAATGCTA GGGCGCTGTC A AACCCTCCA CTCTAA TACTCTCTCCGGG
460 469 478 487 496 505 514 523 532 541 550 559 568



TCATCCATCCCAT GCA GGGCTCACA GGGTGTAA CAA GCGGGTGT TCTCTCCTTCACTTG GCTTCTTCTAACCTCTCTT GCTCAACTGGTACTA GCTTGTAGCACCA TCCCAA G
577 586 595 604 613 622 631 640 649 658 667 676

S/N G:19 A:20 T:17 C:25

D06551B2_A91o_1_f1ori_R3

Oct 16, 2019 02:10PM, JST

KB bcp

KB_3500_POP7_BDTv3.mob

Oct 16, 2019 02:36PM, JST

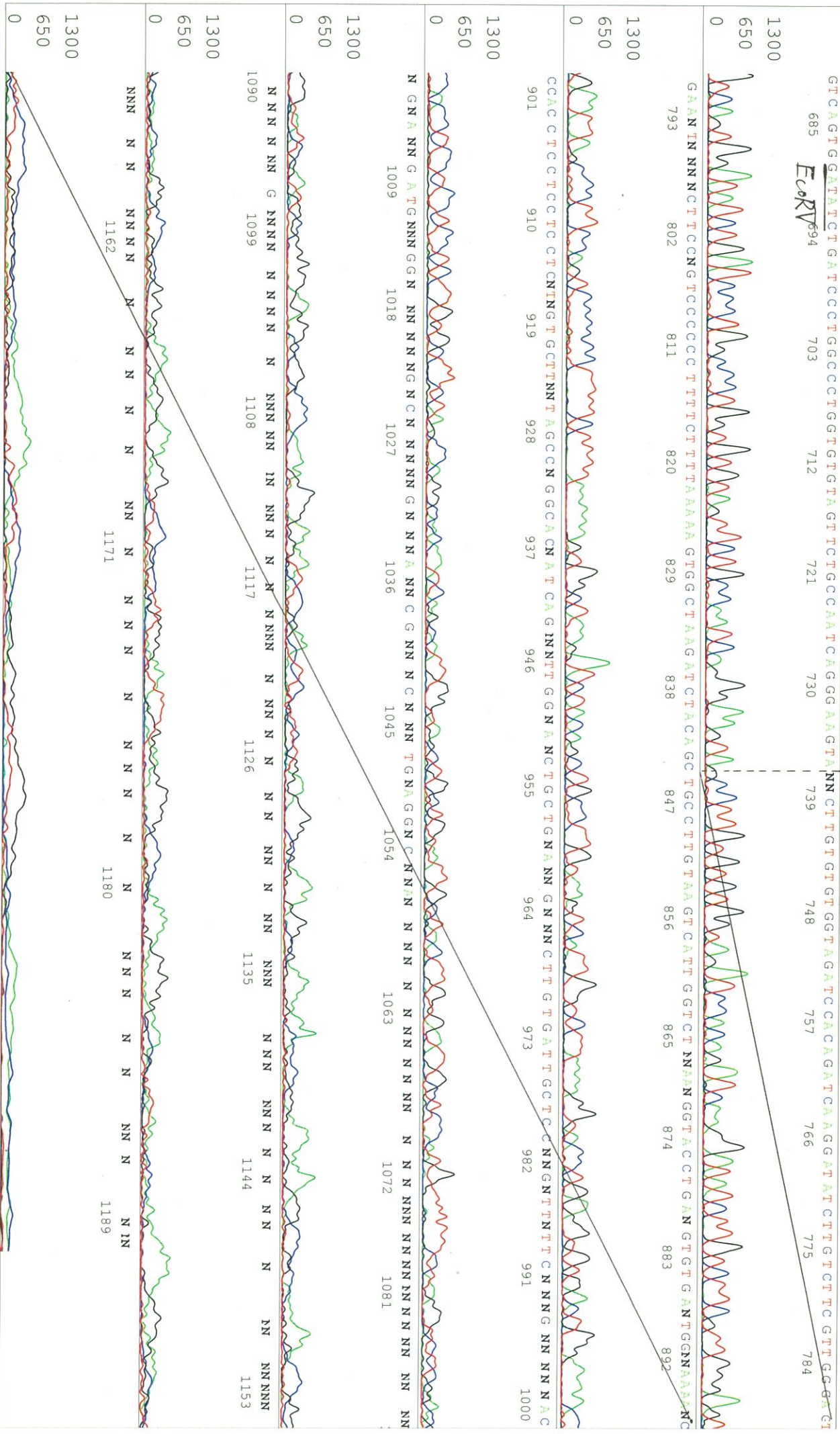
KB 1.4.1.8 Cap:15

Pls 1365 to 13236 Pk1 Loc:1342

Spacing: 11.67 Pts/Panel1350

Version 6.0 HISQV Bases: 950

Plate Name: 20191016_Kitaku



SN G:27 A:27 T:22 primer name *H* : SV40pro_ori_F

D06551B2_A910_1_SV40pro_ori_F

Oct 16, 2019 02:10PM, JST

KB.bcp

KB_3500_POP7_BDTV3.mob

Oct 16, 2019 02:36PM, JST

KB 1.4.1.8 Cap.21 5'-TTCTCCGCCCCATGGCTGACTAAT-3'

Pts 1411 to 13164 Pk1 Loc:1388

Spacing: 11.77 Pts/Panel1350

Version 6.0 HISQV Bases: 973

Plate Name: 20191016_kitaku

