

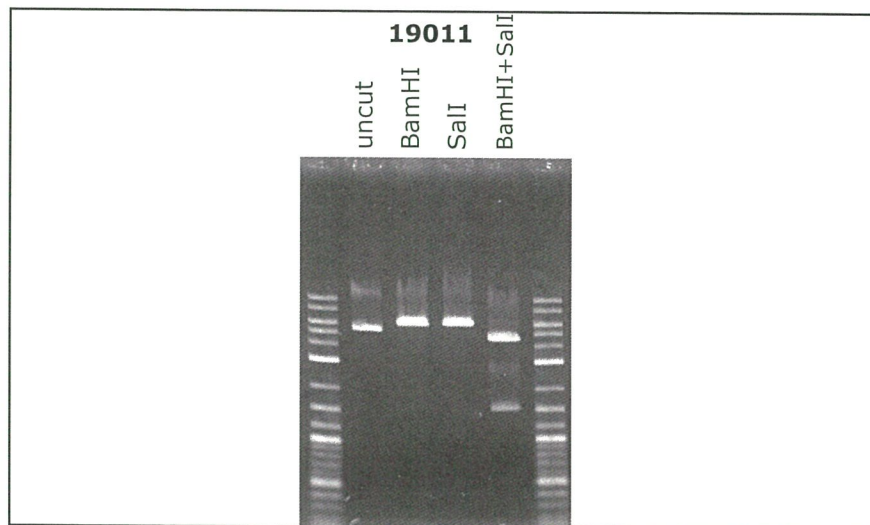
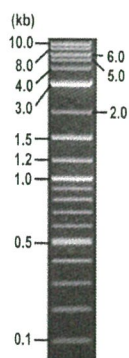


RIKEN DNA BANK

clone name : pMXs-3xFLAG-KLF4(F471A)

- Clone ID : RDB _ 19011
- Lot : 19011 _ B1Ec
- 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	6.1 kbp
SalI	6.1 kbp
BamHI+SalI	4.6, 1.5 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	Pr0352	MMLV-pol_F	pol region,insert 5'(3xFLAG,hKLF4(F471A) 5')
Sequence - B	Pr1009	hKLF4-mut check_R2	insert 3'(hKLF4(F471A) 3'),3' LTR
Sequence - C	Pr0365	pMXs-3LTRup_R2	insert mid(hKLF4(F471A) mid)
Sequence - D	Pr0745	gag-N_R	MMLV psi,5' LTR
Sequence - E	Pr0724	lacIpro-B_F	3' LTR
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :



S/N G:142 A:106 T:76 C:106

primer name A : MMLV-pol_F

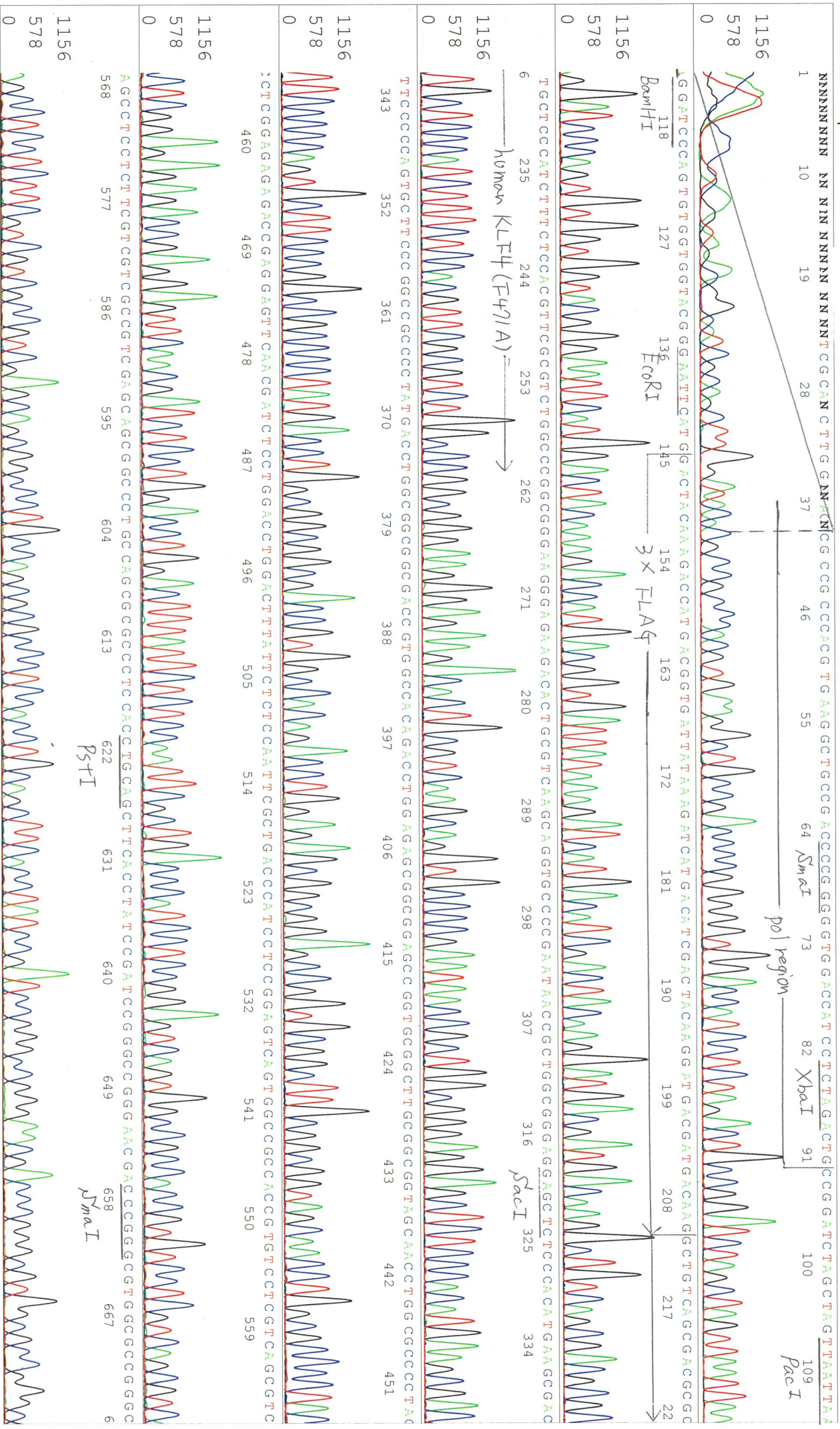
KB:bcp

KB 1.4.1.8

Cap:18 5'-AGGACCTTACACAGCTCCTGCTG-3'

Version 6.0 HISQV Bases: 904

Plate Name: 20210610_kitaku



S/N G:142 A:106 T:76 C:106

D07716A8_B1Ec_2_MMLV-pol_F
KB_3500_POP7_BDTV3.mob

Jun 10,2021 09:23AM, JST

KB.bcp

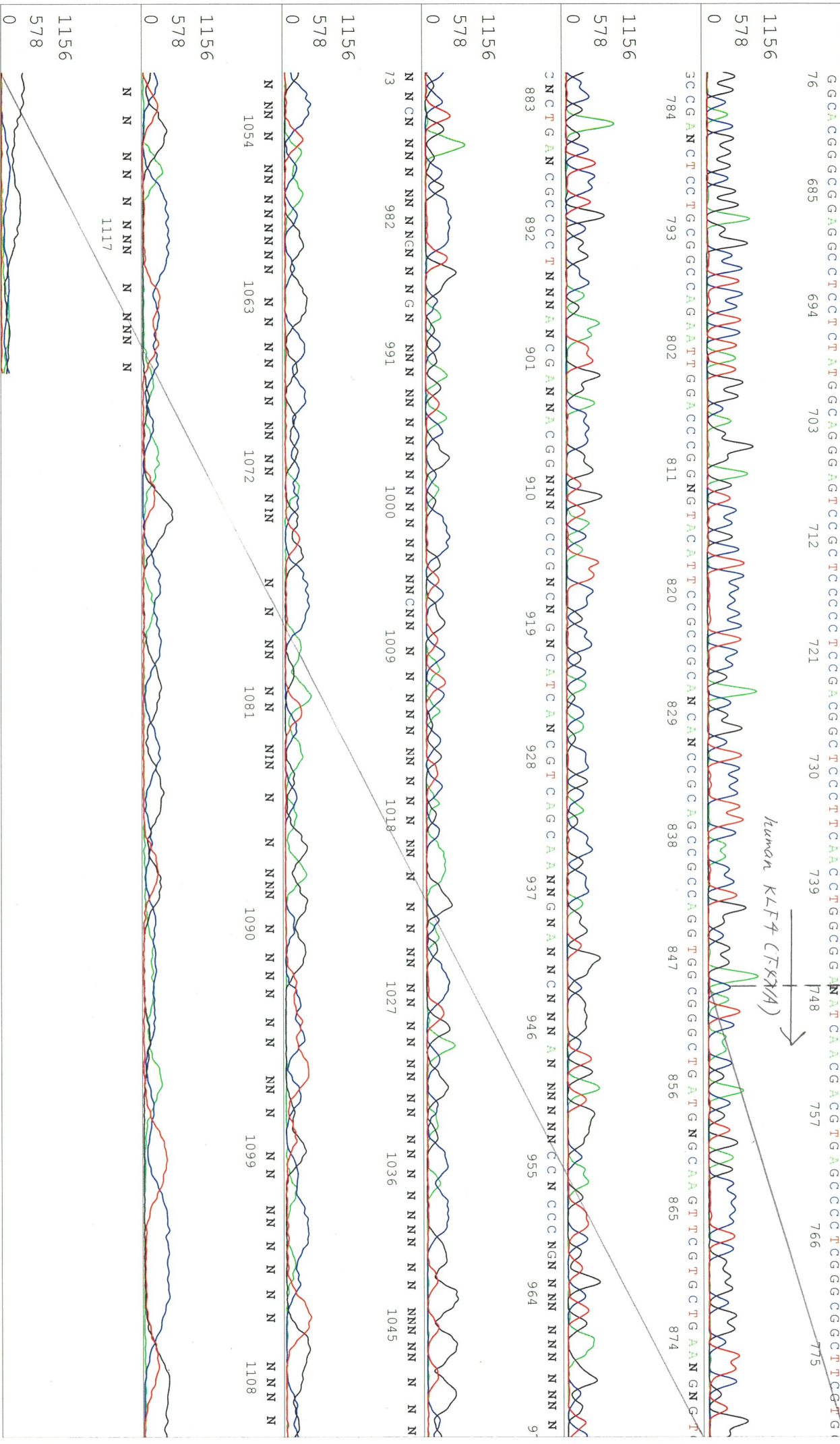
Pts 1500 to 13114 Pk1 Loc:1477

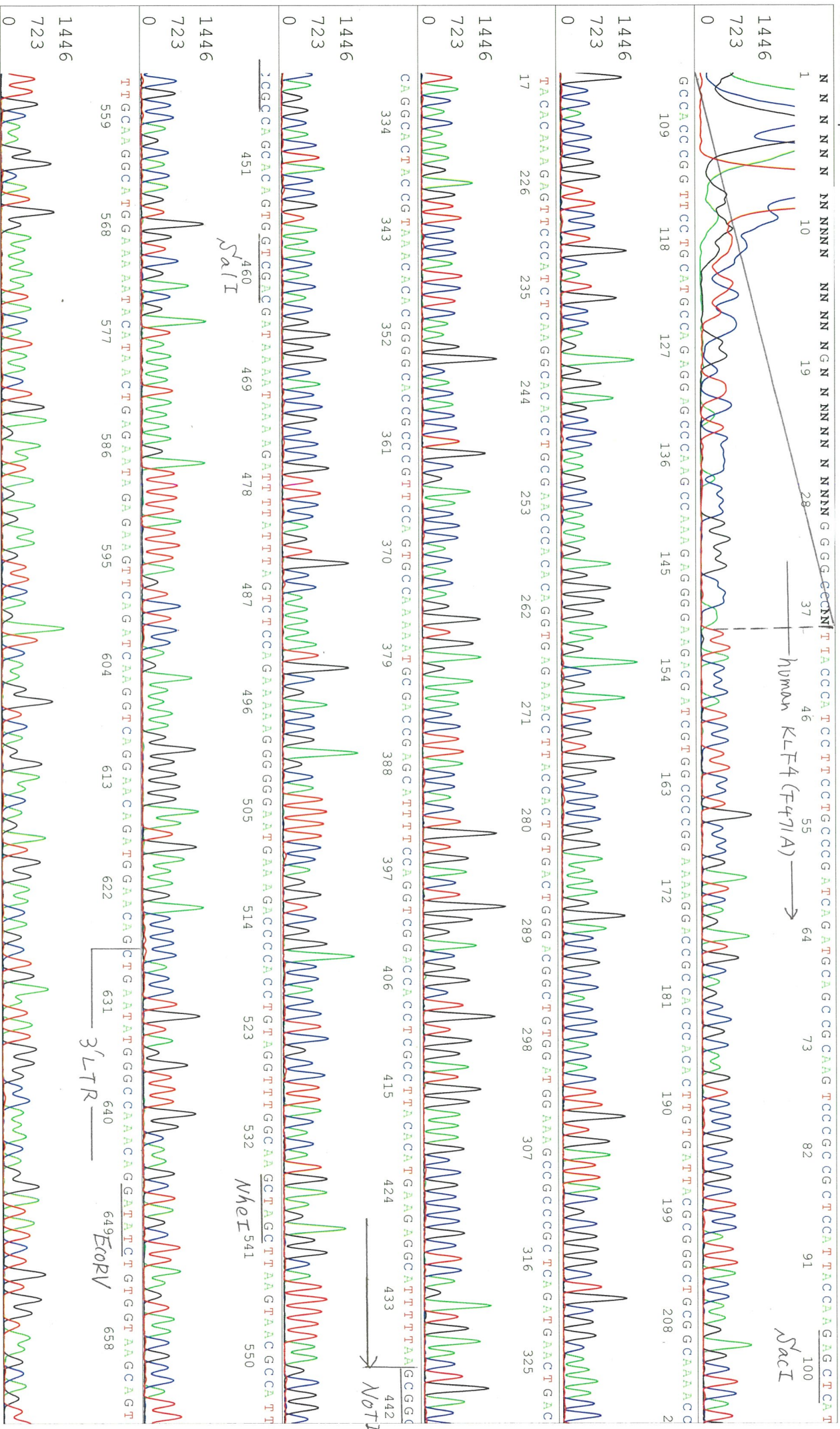
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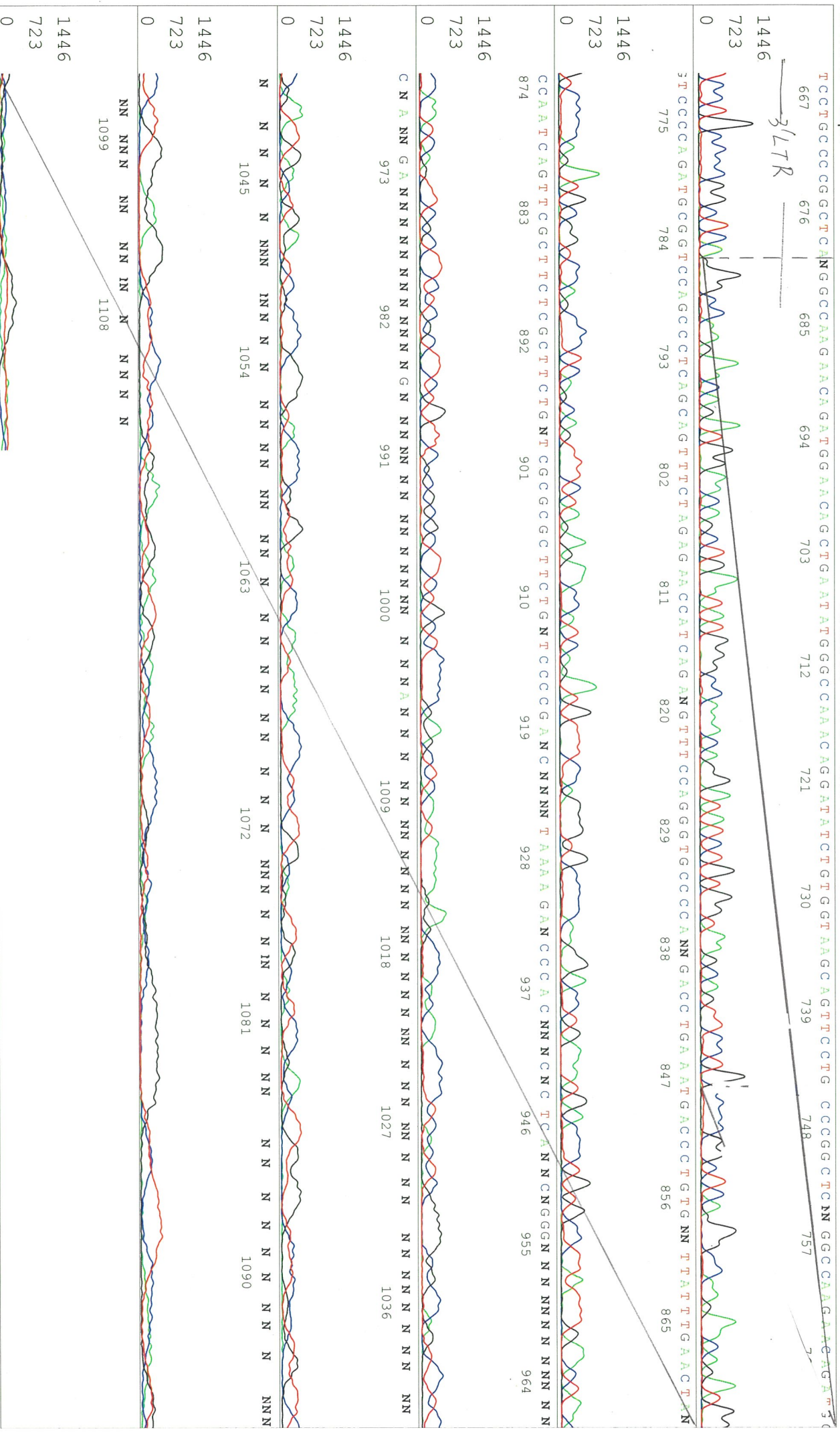
KB 1.4.1.8 Cap:18

Version 6.0 HISQV Bases: 904

Spacing:11.65 Pts/Panel1350
Plate Name: 20210610_kitaku







S/N G:87 A:45 T:41 C:54

primer name C : pMXs-3LTRup_R2

KB_3500_POP7_BDTV3.mob

Jun 10,2021 09:23AM, JST

KB.bcp

5-TGGGGCTTTTCATTCCCCCC-3'

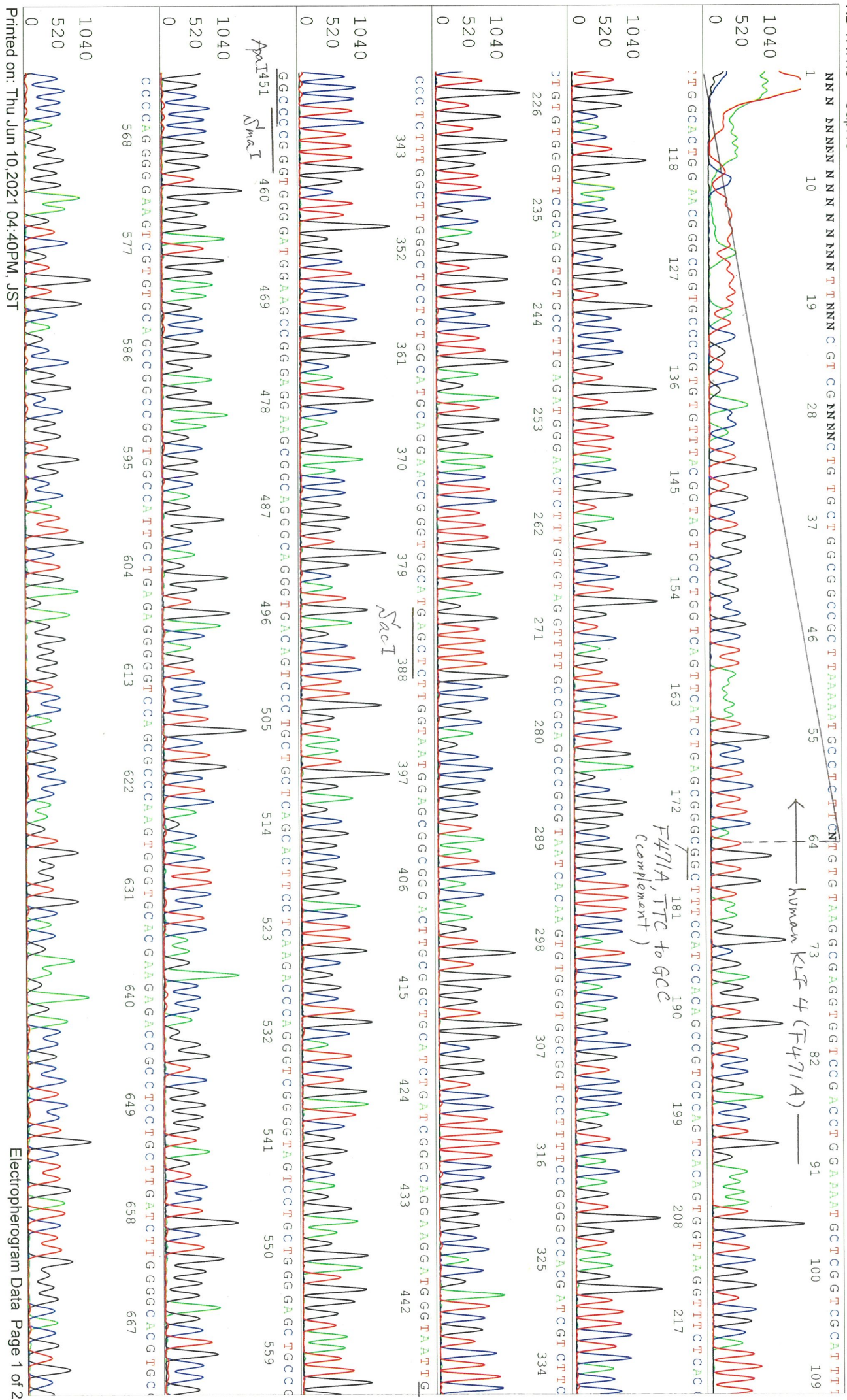
Pis 1510 to 13275 Pk1 Loc:1487

Jun 10,2021 09:50AM, JST

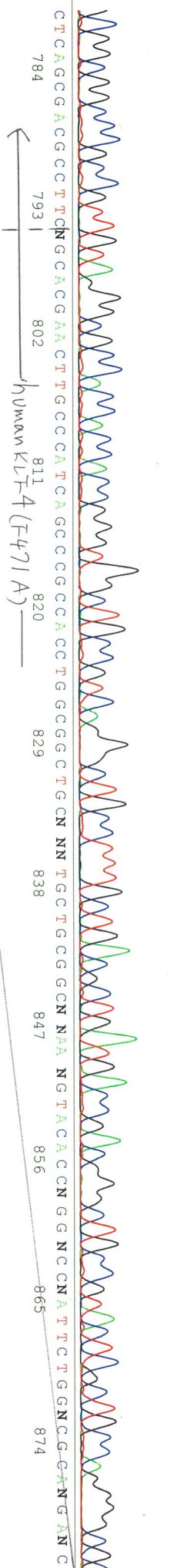
KB 1.4.1.8 Cap:15

Version 6.0 HiSeqV Bases: 902

Plate Name: 20210610_kitaku



3 CGGGCGCCCGCCCGTGTAGGGCGCCACCAACCGGGTGGCTGCCGTCAAGGCTGGCTTGGCTGACCGCTATGACCAGACGGGGCTGCCGTCAGGGCG



CTCAGCGACCGCTTGNGCACGAACTTGCCCAATCAGCCCGCCATGGCGGCTGCGNNNGTGNPNNNNNNNNNANNGGNGNNCNGN NNCCNNNTANNN
883 892 892 901 910 919 928 937 946 955 964 973

NN
982 991 1000 1009 1018 1027 1036 1045 1054

NN
1063 1072 1081 1090 1099 1108

NN
1117

S/N G:75 A:60 T:40 C:46

primer name *P* : gag-N_R

D07716A8_B1Ec_2_gag-N_R

Jun 10, 2021 09:23AM, JST

KB.bcp

5'-ACATCTTCCAGTGAACCTAAG-3'

KB_3500_POP7_BDTV3.mob

Jun 10, 2021 09:50AM, JST

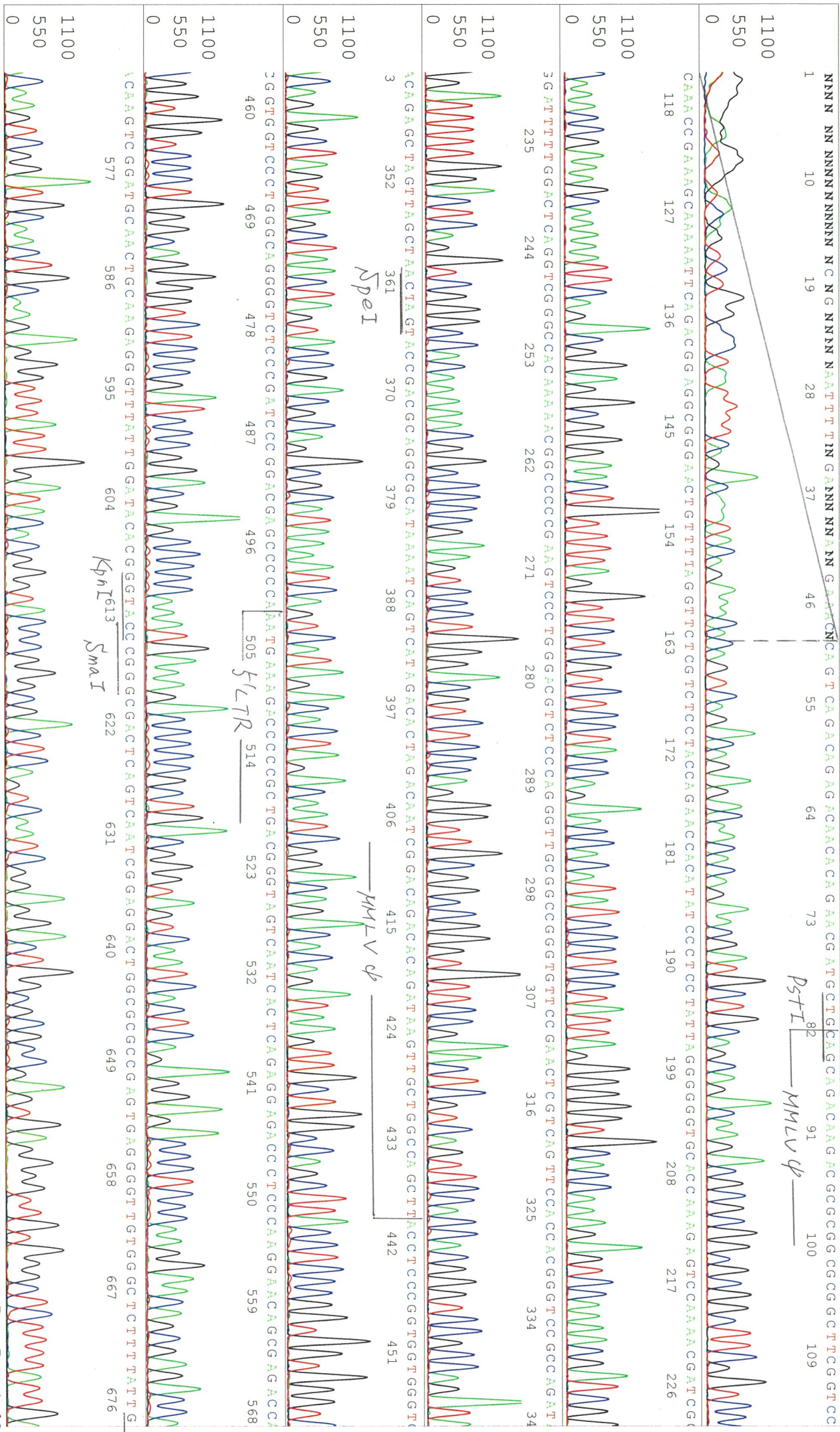
KB 1.4.1.8 Cap:24

Pts 1511 to 13077 Pk1 Loc: 1488

Spacing: 11.69 Pts/Panel1350

Plate Name: 20210610_kitaku

Version 6.0 HiSeqV Bases: 906



S/N G:75 A:60 T:40 C:46

D07716A8_B1Ec_2_gag-N_R

Jun 10, 2021 09:23AM, JST

KB.bcp

KB_3500_POP7_BDTV3.mob

Jun 10, 2021 09:50AM, JST

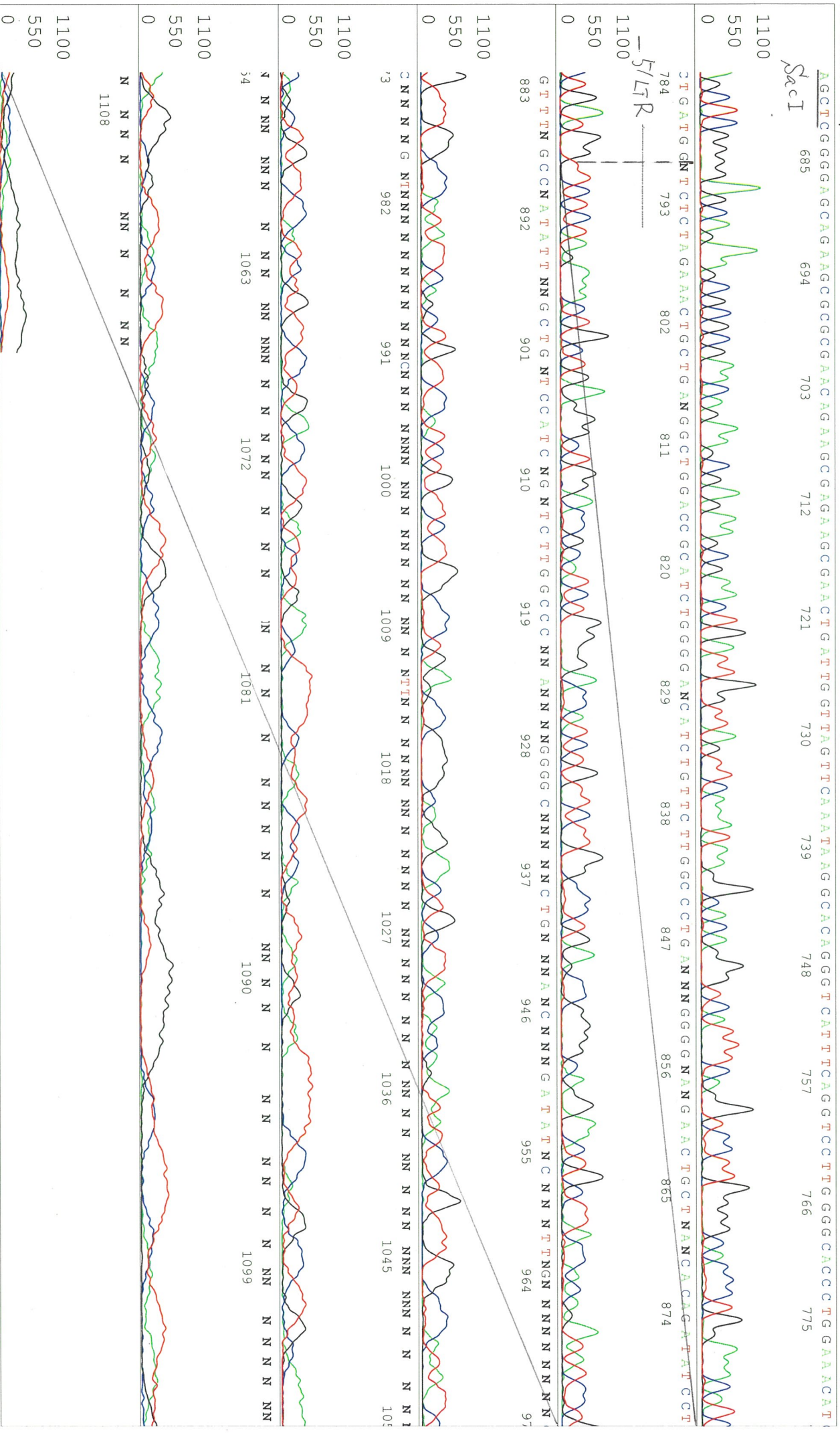
KB 1.4.1.8 Cap:24

Pts 1511 to 13077 Pk1 Loc: 1488

Spacing: 11.69 Pts/Panel 1350

Version 6.0 HiSQV Bases: 906

Plate Name: 20210610_kitaku



S/N G:24 A:21 T:17 C:16
 KB.bcp
 KB 1.4.1.8 Cap:21

primer name E : lacIpro-B_F

5'-CCGCCCTTGAGTGAGCTGATA-3'

D07716A8_B1Ec_2_lacIpro-B_F
 KB_3500_POP7_BDTV3.mob
 Pts 1484 to 13183 PK1 Loc:1461
 Version 6.0 HiSQV Bases: 921

1 10 19 28 37 46 55 64 73 82 91 100 109 111

