

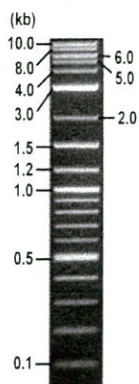


RIKEN DNA BANK

clone name : pT2b_mT_gvpC28-T2A-EGFP_pP_rm

- Clone ID : RDB_16906
- Lot : 16906_A9Af
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : DH5 alpha
- 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 : 200 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment	
EcoRI	13.1	kbp
BglII	6.3, 4.5, 2.3	kbp
MluI	9.8, 3.3	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	Pr0497	beta-gi_F	gvpC28, T2A, EGFP 5'
Sequence - B	Pr0243	PGK_N_rev	BGH pA_1, EGFP 3'
Sequence - C	Pr0249	PGKpro_F	PuroR
Sequence - D	Pr0142	f1ori_R3	Left Tol2, I-SceI, cHS4 ins_1
Sequence - E	Pr0512	beta-gro_rev	intron, mini CMV pro, tet RE, pA, cHS4 ins_1
Sequence - F	Pr0862	tetR-C_F2	tetR, SV40 NLS, KRAB
Sequence - G	Pr0036	IRES-F	IRES, tetR, SV40 NLS
Sequence - H	Pr0110	SV40pro_F	rtTA-Advanced
Sequence - I	Pr0108	SV40pA3'Element reverse	Right Tol2, I-SceI, cHS4 ins_2
Sequence - J	Pr0470	SV40pro_R	SV40 pro_ori, cHS4 ins_2

APPROVED BY :

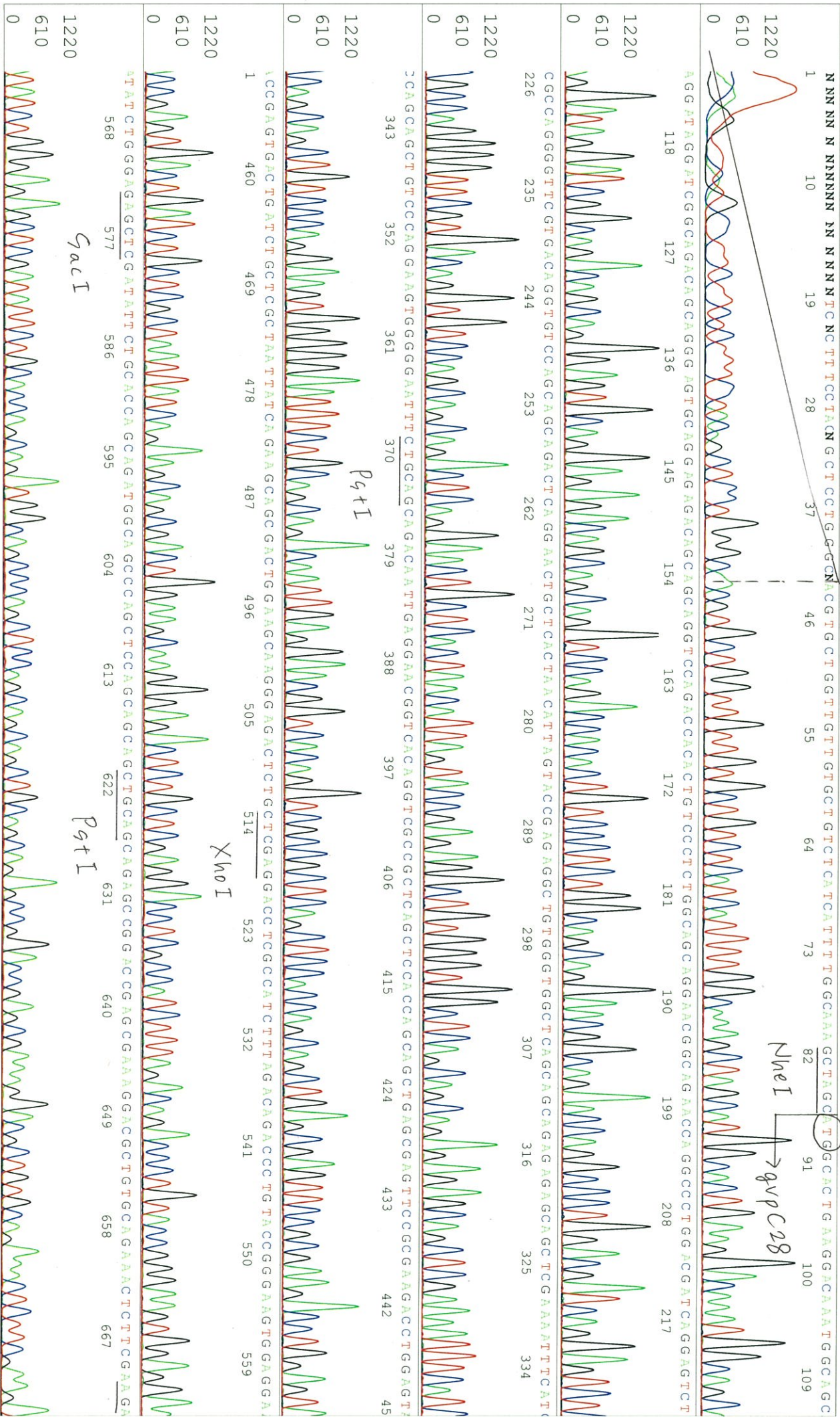


S/N G:162 A:141 T:93 C:155
KB.bcp
KB 1.4.1.8 Cap:1

primer name A : beta-gi_F
5'-ACTCTGAGTCCAAACC GGGC-3'

D05911A4_A9Af_2_beta-gi_F
KB_3500_POP7_BDTV3.mob
Pis 1556 to 14178 Pk1 Loc:1533
Version 6.0 HISQV Bases: 939

Feb 27, 2019 09:38AM, JST
Feb 27, 2019 10:21AM, JST
Spacing: 12.71 Pts/Panel1350
Plate Name: 20190227 kitaku



TCTGGGGGTCTTTCGAGCGAGAGCTGCAAGACTACCCATCTGAAGCTCCAGCA GACAGTGTGGGGTAGCTCCCA CGCCATCTATCAAA CCAAGAGTACCCTGAA CCG
676 685 694 703 712 721 730 739 748 757 766 775

1220 beta II Pst I

AGGAGTCCCA CAGCCCTGCCACA CTTGGATCA GCCCAAN GGNGAATT CGAAGGCCAGAN GANN TCTCTTAACATGGCGGTGAN GTGGAN GAGAATCCCGN CCTATTG
784 793 802 811 820 829 838 847 856 865 874 883

→ gvp C28

G T G A G C C A A G G N N G A G G A N C T G T T C A C C G G G G G N G G N G C C C A T C C T G G N C N A N C T G G A N N N N N G N N A C N G G N C N C N N T N C A N C N N N N C N
892 901 910 919 928 937 946 955 964 973

A G G G N N A N G G N N N N G N N C N N N N N N N N N N N C N N N N N N N N N N N C N N N N A A C N G G N C N C N N T N C A N C N N N N N N N N N N
991 1000 1009 1018 1027 1036 1045 1054 1064

I N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N
1072 1081 1090 1099 1108 1117 1126

N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N
1135 1144 1153

S/N G:56 A:38 T:48 C:48

D05911A4_A9Af_2_Pgk_N_rev

Mar 23, 2020 02:14PM, JST

KB: bcp

primer name β : PGK_N_rev

KB_3500_POP7_BDTv3.mob

Mar 23, 2020 02:42PM, JST

KB 1.4.1.8 Cap:3

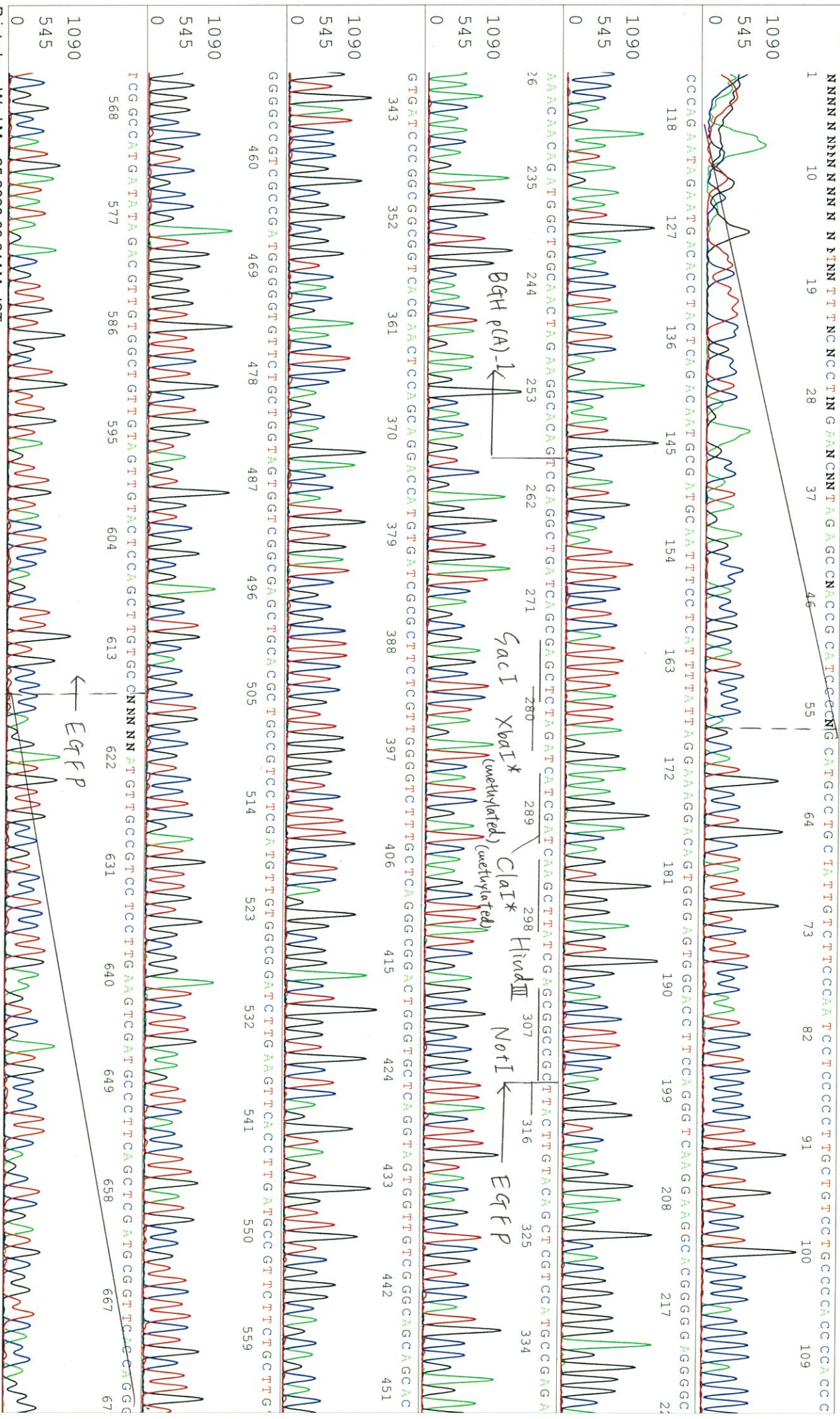
5'-TGCTAAAGCGCATGCTC-3'

Pls 1374 to 1381 Pk1 Loc:1351

Spacing: 11.8 Pts/Panel1350

Version 6.0 HiSeqV Bases: 926

Plate Name: 20200323 mix



SN G:54 A:37 T:27 C:42

D05911A4_A9Af_2_PGK_pro_F

Mar 25, 2020 10:02AM, JST

KB bcp

primer name C : PGKpro_F

KB_3500_POP7_BDTV3.mob

Mar 25, 2020 10:30AM, JST

KB 1.4.1.8 Cap:21

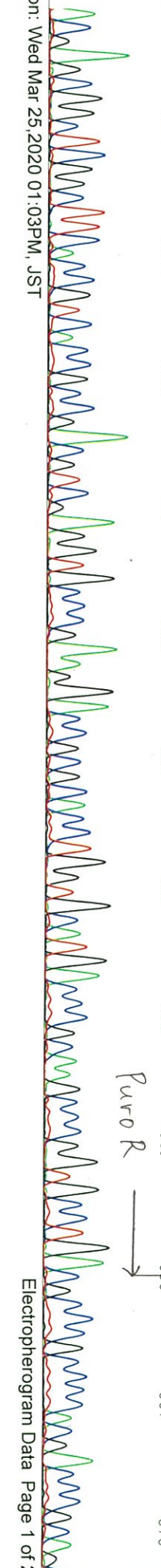
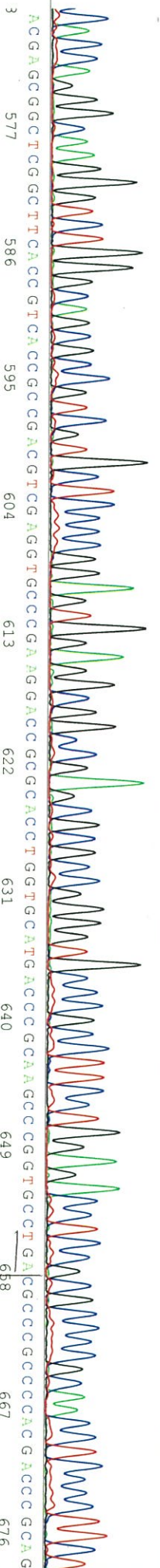
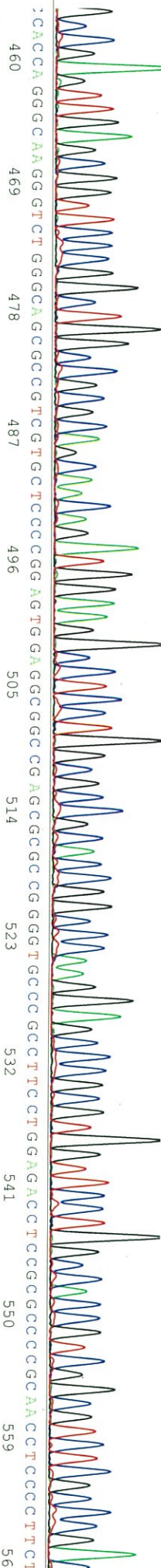
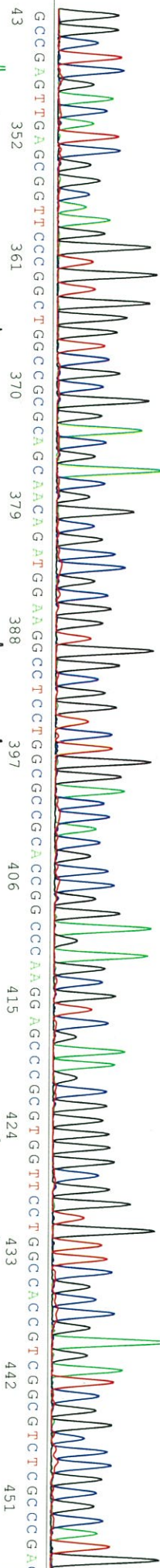
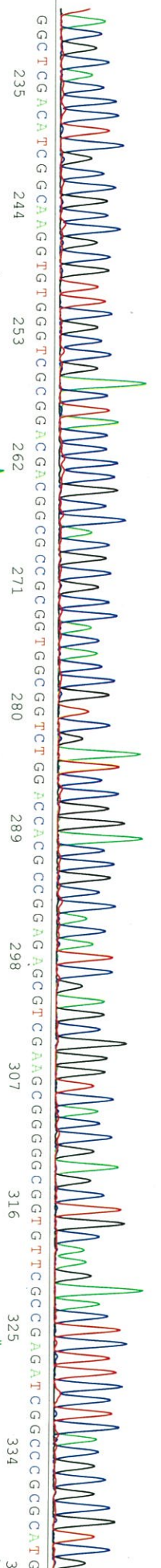
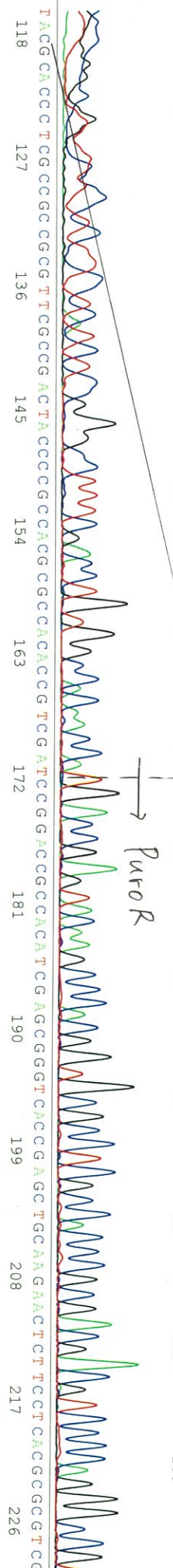
5'-ATTCTGCACGCTTCAAAG-3'

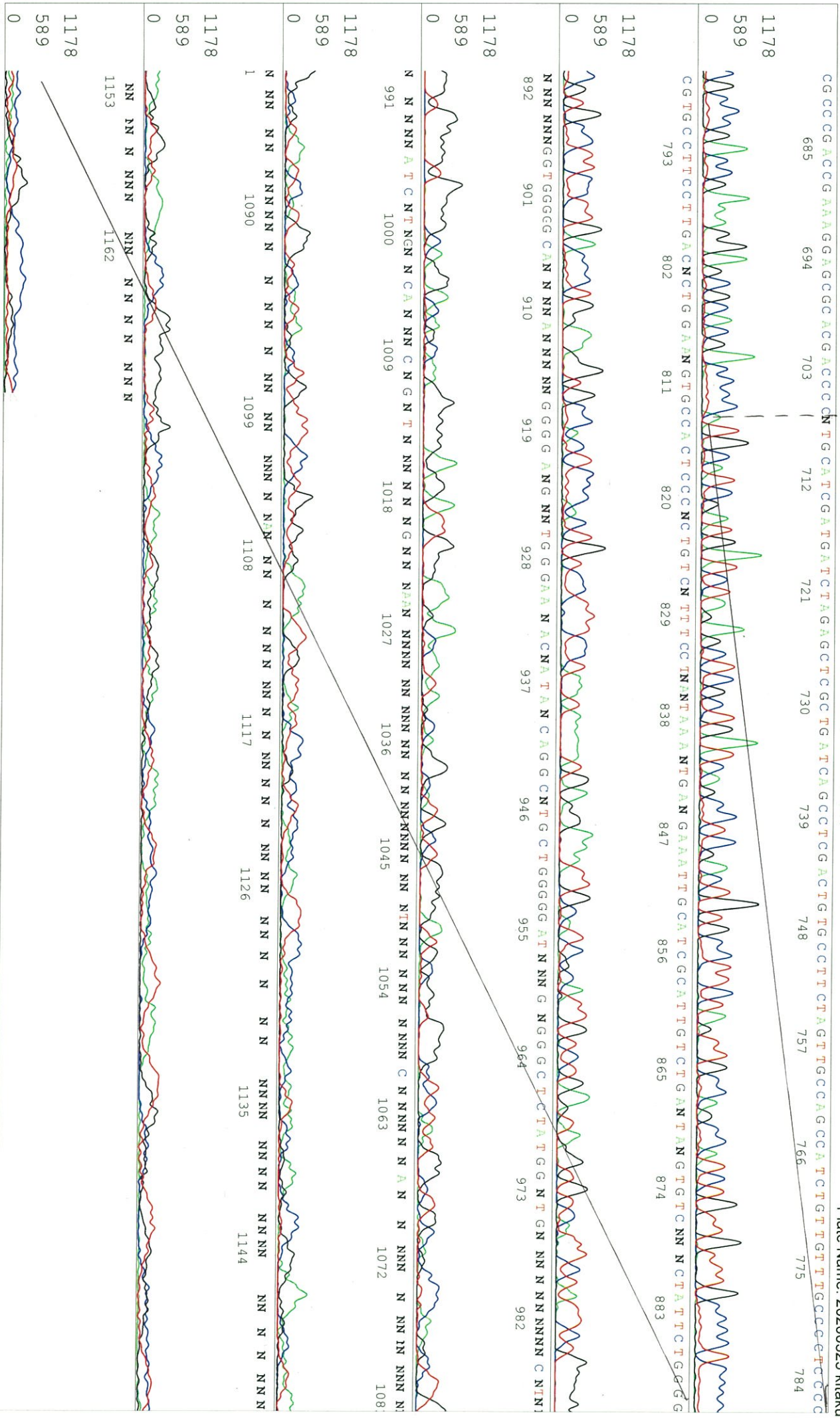
Pis 1372 to 13072 Pk1 Loc:1349

Spacing:11.79 Pts/Panel1350

NN NNN NNNNN NNNNN NNN NN NNNT N NNN N G CCT TCG NC TG TG GC CN C T IN T G ACC GAG TACA AGCCCA CGGT GCCCCT CGCCCA CCGG ACCG ACCG TCCCCA GGGCCG

Puro R





S/N G:74 A:68 T:75 C:64

primer name **D** : f1ori_R3

D05911A4_A9At_2_f1ori_R3
KB_3500_POP7_BDTV3.mob

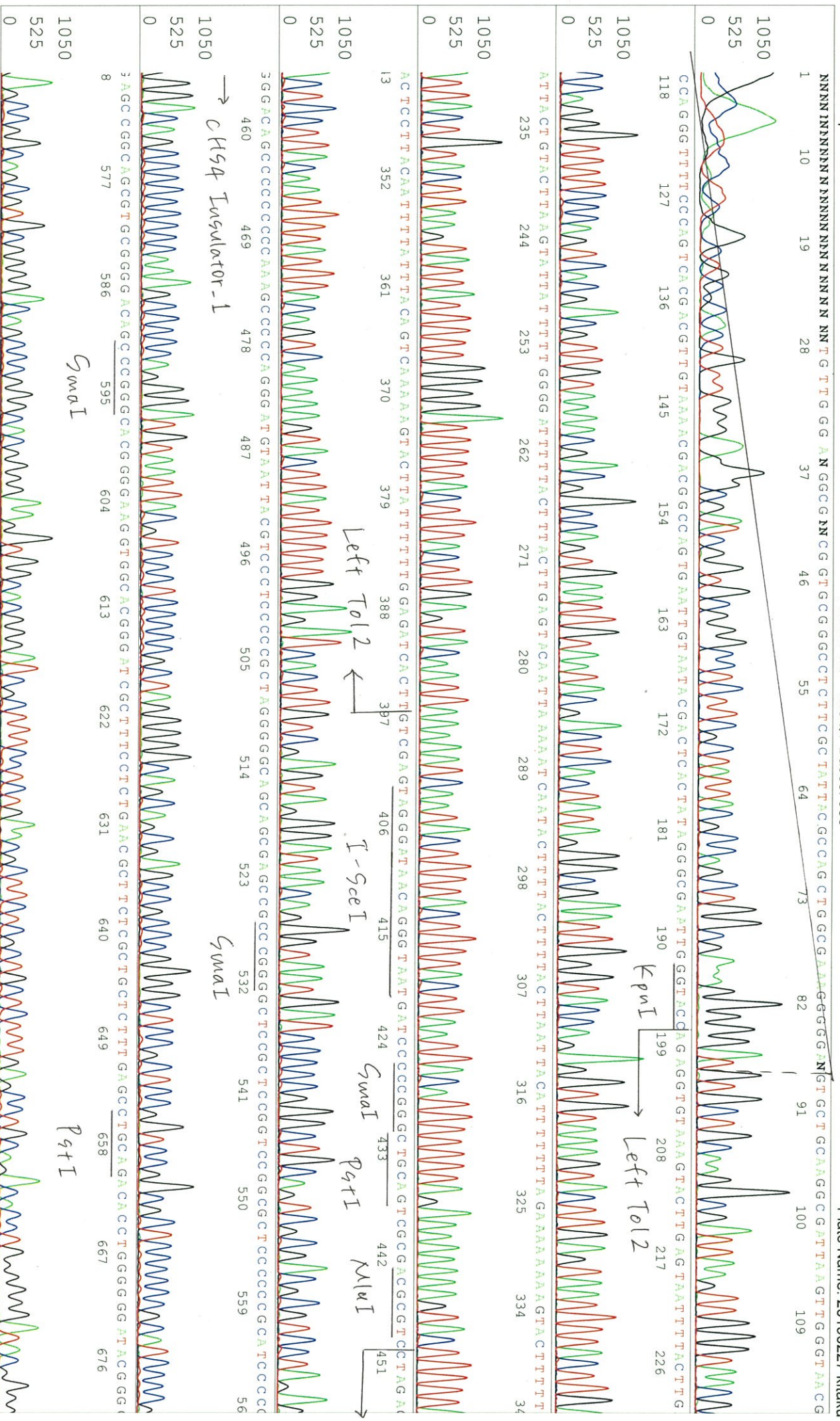
Feb 27, 2019 09:38AM, JST
Feb 27, 2019 10:21AM, JST
Spacing: 12.89 Pts/Panel1350

KB.bcp
KB 1.4.1.8 Cap:6

5'-TTAATGCGCCGCTACAGGGC-3'

Pls 1512 to 14217 Pk1 Loc:1489
Version 6.0 HISQV Bases: 936

Plate Name: 20190227 Kitaku



S/N G:74 A:68 T:75 C:64

D05911A4_A9Af_2_f1ori_R3

Feb 27, 2019 09:38AM, JST

KB.bcp

KB_3500_POP7_BDTV3.mob

Feb 27, 2019 10:21AM, JST

KB 1.4.1.8 Cap:6

Pls 1512 to 14217 Pk1 Loc:1489

Spacing:12.89 Pls/Panel1350

3AAAAGCCTTATAGGCTGAAGAAGAGANTTTGAATGACAGANTCATTAACAAGGCTGGGTGCAAAAGGAGCACAGTGCTCATCCAATCCAACTCCCTGCTAATGTGCANGGT

Hind III

← CHG4 Insulator_1

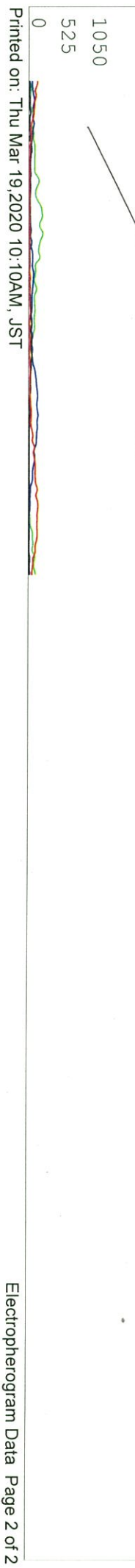


793 802 811 820 829 838 847 856 865 874 883 892
JANCCCTGGGNAAAANTGCCNNNCATATCCNACCCNAAANNCCNNGNCTCNNGTAAAGNNNTNCNCCNNTNNNAATNNTG

1000 1009 1018 1027 1036 1045 1054 1063 1072 1081
NNANNNTGTTGGNNNGGGNGNNNNNNNTNNNNNNNNNGNNNNNNNNANNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN

1090 1099 1108 1117 1126 1135 1144 1153
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN

1162 1171
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN



S/N G:77 A:73 T:94 C:90

primer name E : beta-gro_rev

D05911A4_A9Af_2_beta-gro_rev

Feb 27, 2019 09:38AM, JST

KB.bcp

5'-GTCATGGTATACCAAGGA-3'

KB_3500_POP7_BDTv3.mob

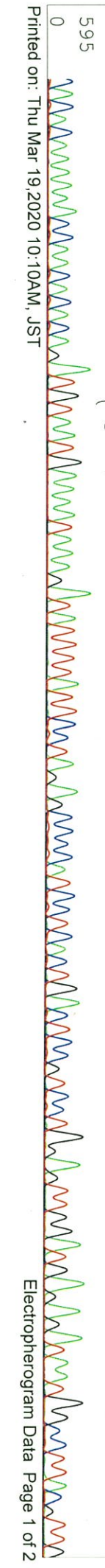
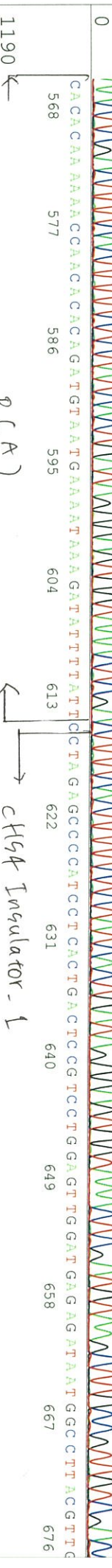
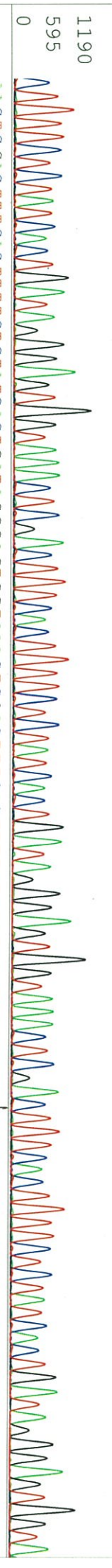
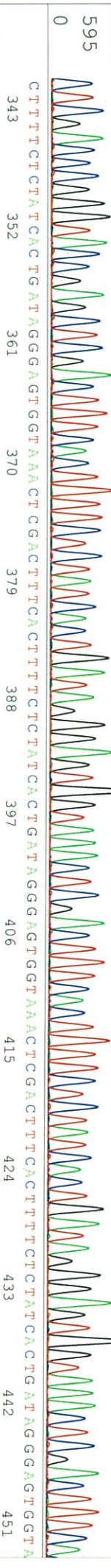
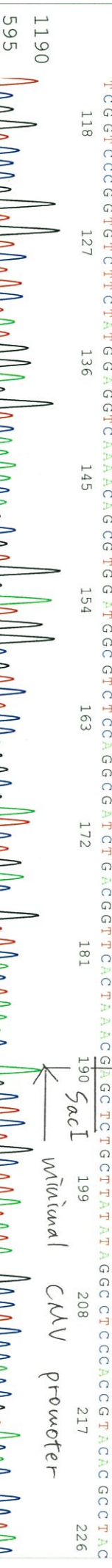
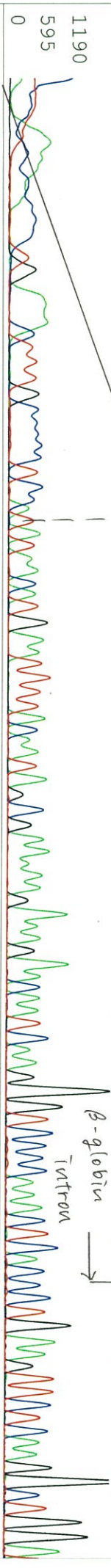
Feb 27, 2019 10:21AM, JST

KB 1.4.1.8 Cap.3

Pts 1568 to 14189 Pk1 Loc:1545

Spacing:12.81 Pts/Panel1350

1 10 19 28 37 46 55 64 73 82 91 100 109
NNNNNNNNNNNNNNNN NN NNNNTT GCCCCCTC NNTTATAACAT GAATTTTACCAATAGCGAAAAAGAAAGAACCAATCAA GGGTCCCCCAAACTCACCCCTGAA GTTCTCAA GGGCTGG A



S/N G:77 A:73 T:94 C:90

D05911A4_A9Af_2_beta-gro_rev

Feb 27, 2019 09:38AM, JST

KB.bcp

KB_3500_POP7_BDTV3.mob

Feb 27, 2019 10:21AM, JST

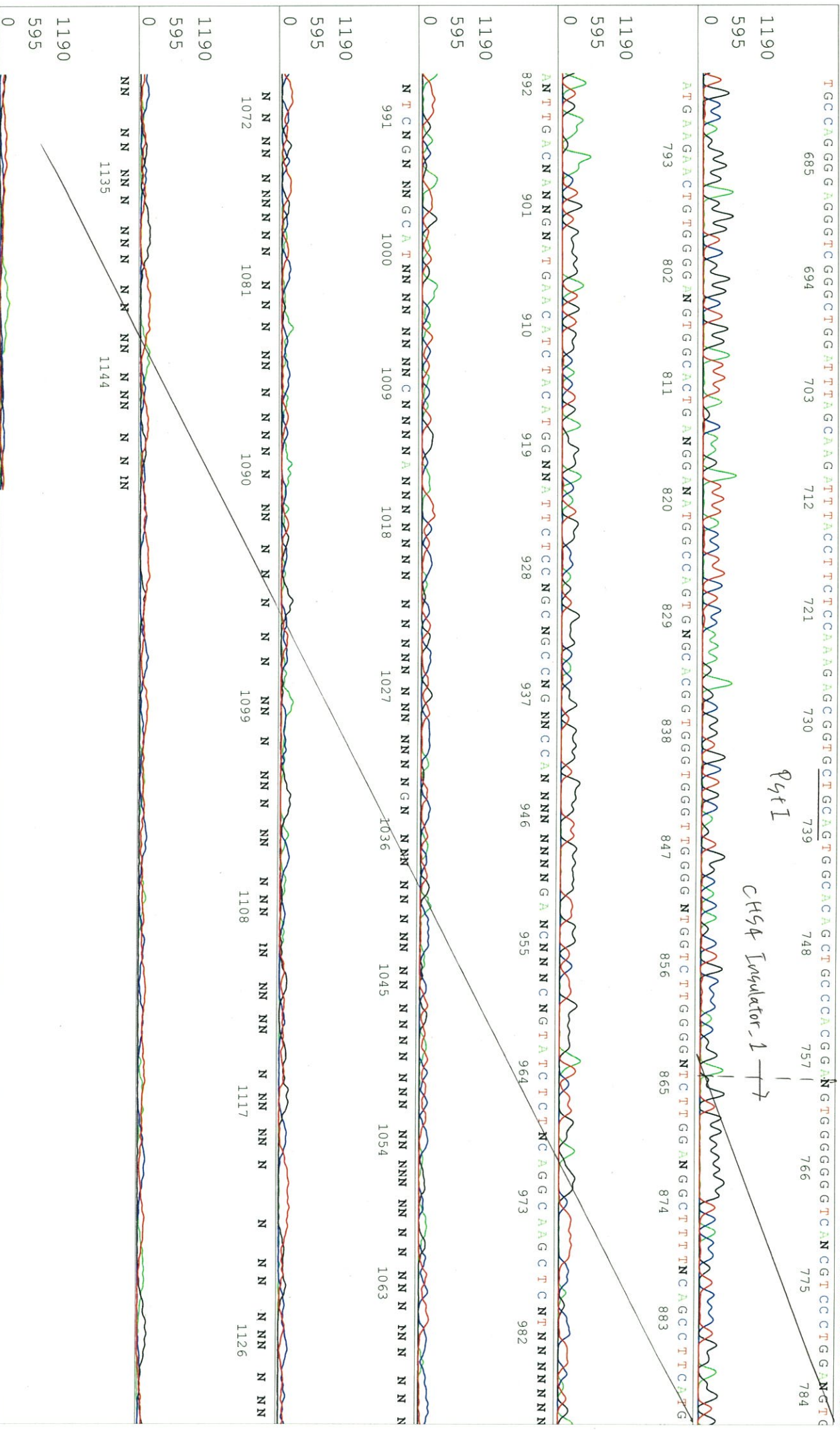
KB 1.4.1.8 Cap:3

Pis 1568 to 14189 Pk1 Loc:1545

Spacing:12.81 Pts/Panel1350

Version 6.0 HiSQV Bases: 936

Plate Name: 20190227 kitaku



S/N G:42 A:41 T:41 C:37

D05911A4_A9Af_2_tetR-C_F2

Apr 07, 2020 01:52PM, JST

KB.bcp

primer name f : tetR-C_F2

KB_3500_POP7_BDTV3.mob

Apr 07, 2020 02:32PM, JST

KB 1.4.1.8 Cap:8

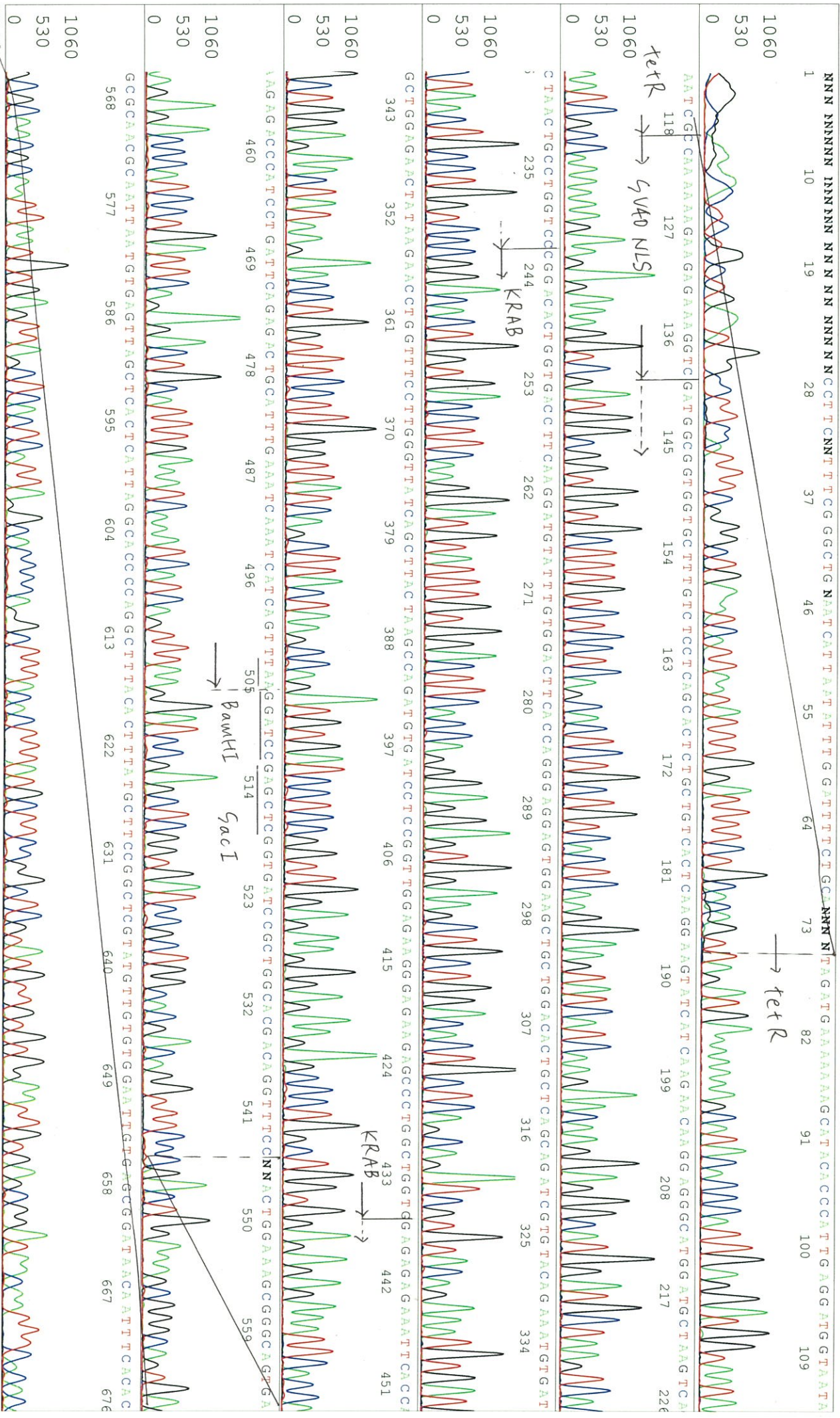
5- ACCACCATTAATTACAAAGAGG -3'

Pis 1417 to 12712 Plk1 Loc:1394

Spacing:11.61 Pts/Panel1350

Version 6.0 HISQV Bases: 882

Plate Name: 20200407 mix

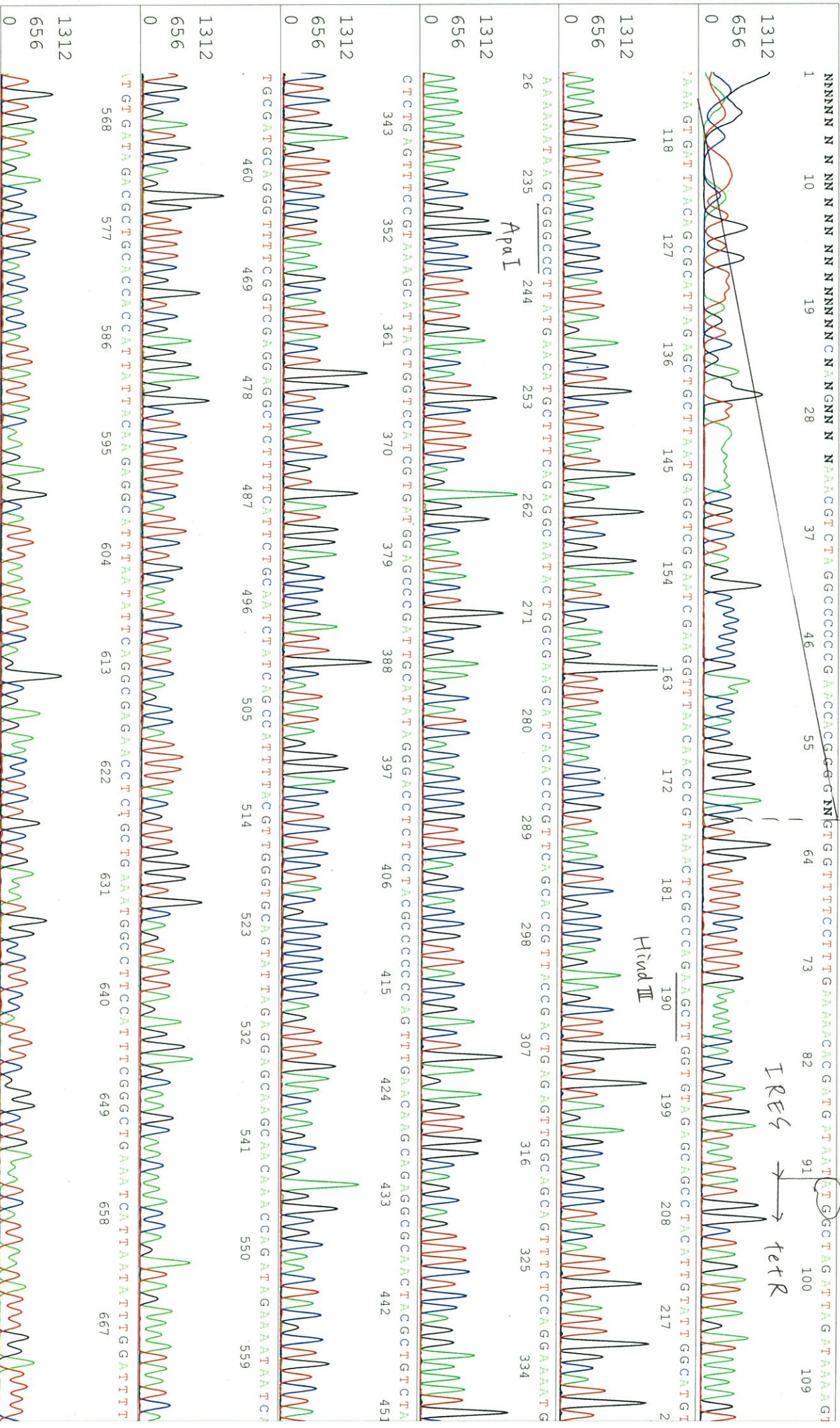


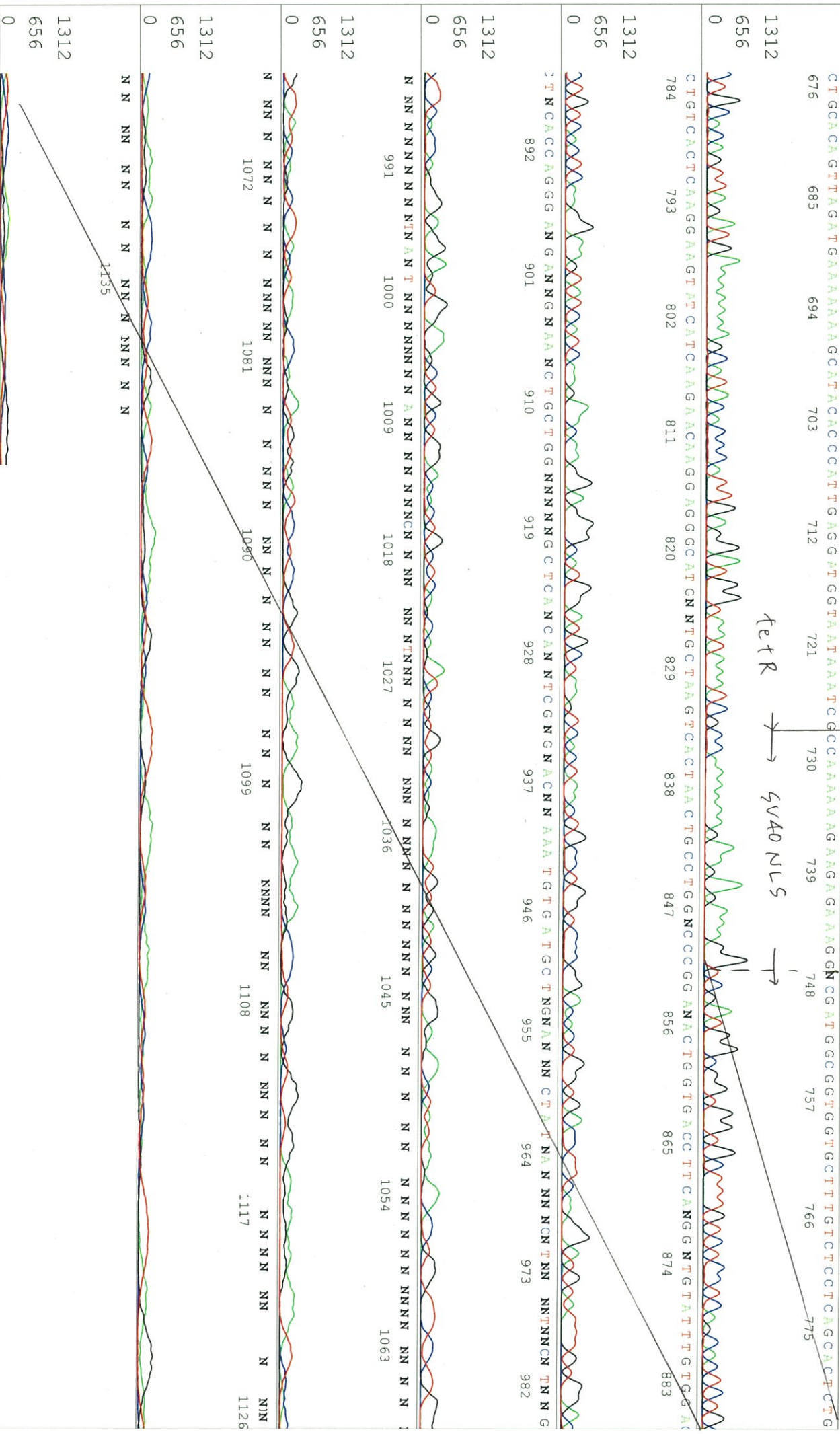
S/N G:186 A:176 T:158 C:158
KB.bcp
KB 1.4.1.8 Cap:8

primer name IRES-F
5'-TTGTATGGGATCTGATCTGG-3'

KB_3500_POP7_BDTV3.mob
Pls 1564 to 14125 Pk1 Loc:1541
Version 6.0 HiSeqV Bases: 919

Feb 27, 2019 09:38AM, JST
Feb 27, 2019 10:21AM, JST
Spacing: 12.83 Pts/Panel1350
Plate Name: 20190227 kitaku





S/N G:178 A:162 T:121 C:164

primer name H : SV40pro_F

D05911A4_A9Af_2_SV40pro_F

Mar 23, 2020 02:14PM, JST

KB:bcpc

5-TATTATGCAGAGGCCGAGG-3'

KB_3500_POP7_BDTV3.mob

Mar 23, 2020 02:42PM, JST

KB 1.4.1.8

Cap:12

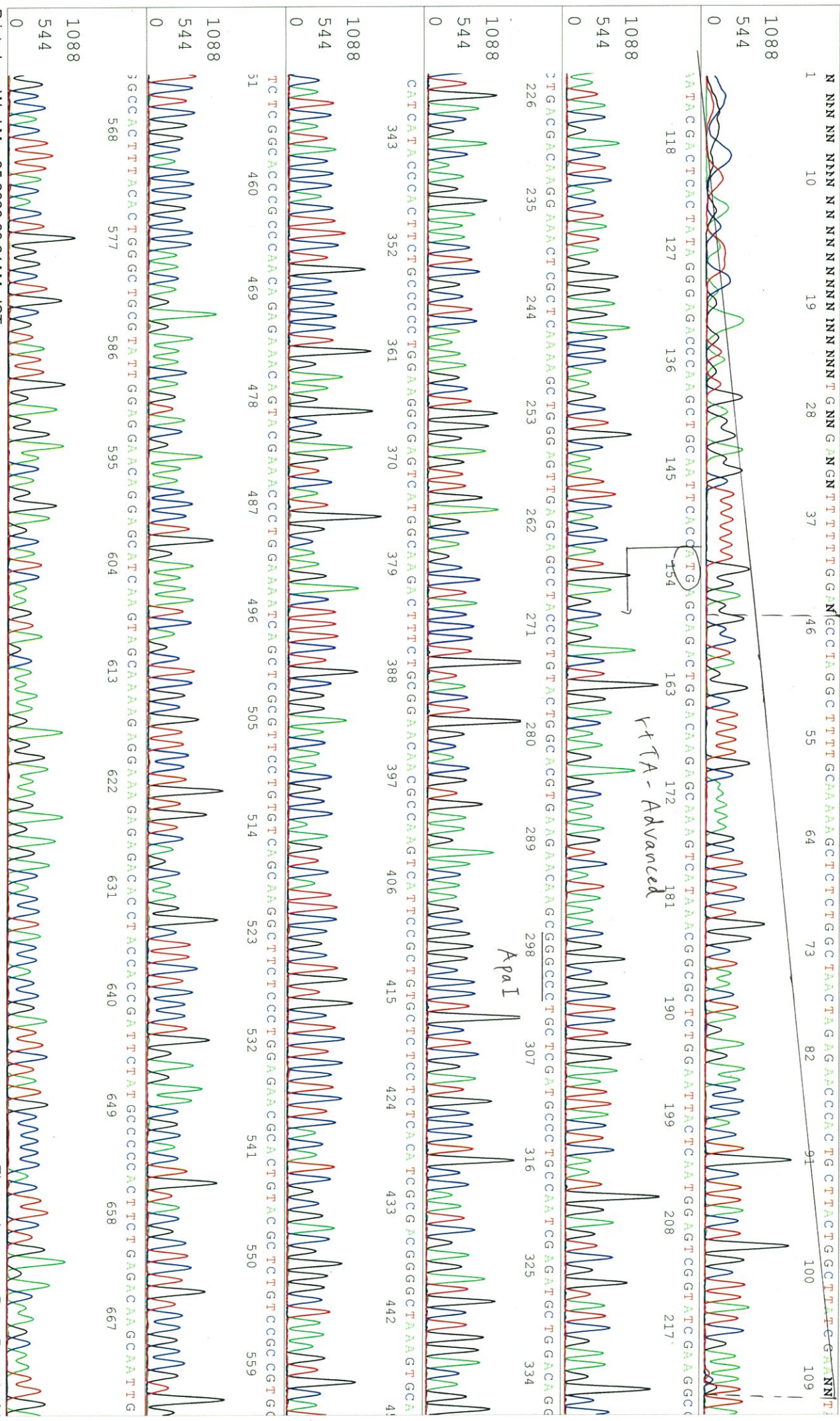
Pis 1331 to 13213 PK1 Loc:1308

Spacing:11.81 Pis/Panel1350

Version 6.0

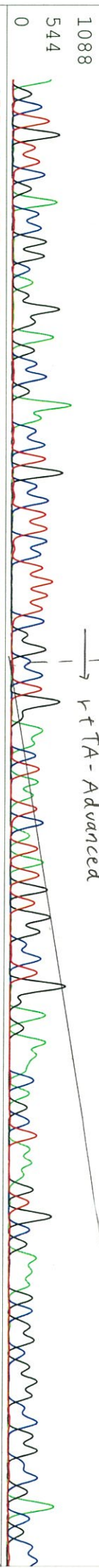
HISQV Bases: 934

Plate Name: 20200323 mix



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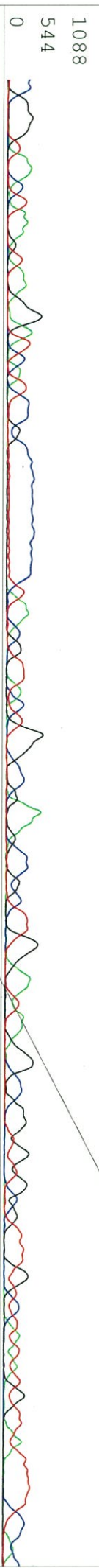
↓ r-TA - Advanced



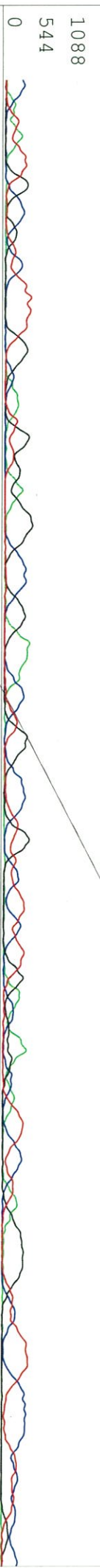
CTTGACGATTTTGACTTANACATGCTCCAGCCGATGCCCCTTGANGACTTTGACCTGTGATGCTGCTGCTGACTGACCGCTCTTGANGATTTGACCCTTGNCNTGCTCC



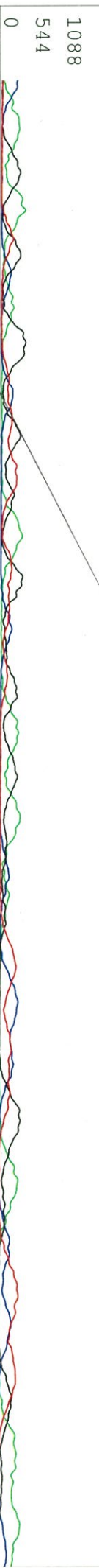
CGGGNAACNTANNTNAGNNCAATCCGCCGCCCCCCCCNNNGTTACTGGCCGANCCGCTTNNNNNNNNNNGGNGNGNGNNTNCATAAGNNNTTTTCN



NNNTNNGNCGNNTTNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN



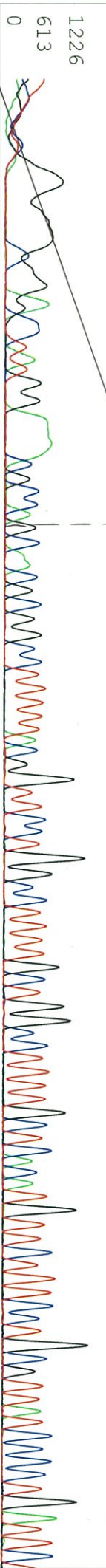
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN



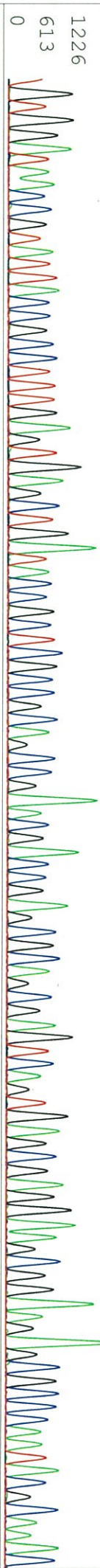
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN



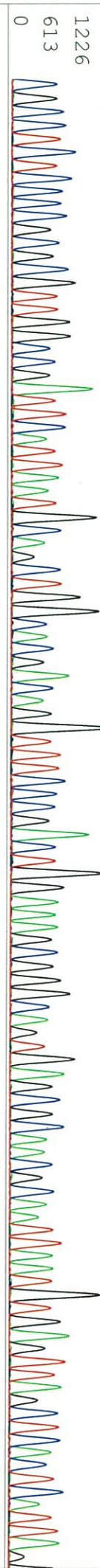
1 NNNN NNNNN NNNNNNN N IN N NNN N NNNNN N CCG CAACGCGG GCGCTTT TTAAGGTT CCTGGCCCTTT TGCTGAGTCAATGT TCTTTCCTGGCTTAT CCCCTGATTC



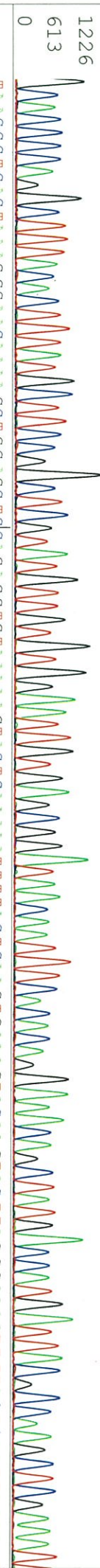
118 TGTGATTAACCGTATTACCGCCCTTGAGTGAAGCTGATACCGCTCCGCCAGCCGAAACGACC GAGCCAGC GAGTCAAGTGAAGCAGG AAGCGGAAGAGCGCCCAATAC GCAAAC



26 CGCCTC TCCCGCGCGGCTTGCCGATTCATTAATGCAAGCTGGCCAGACAGGTTTCCCGAAC TGGAAGCCGAGGAGTGAGCCCAACGCAATTAATGTGAGTTAGCTCACTCATTTAG

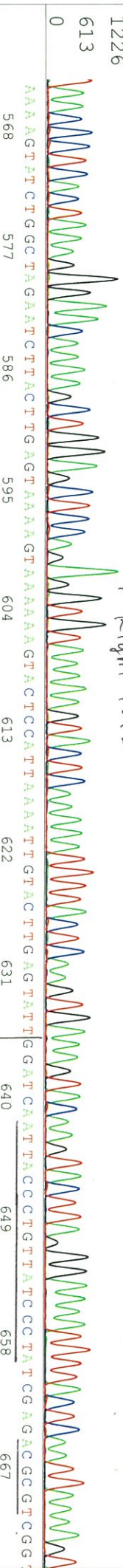


343 GCACCCCAAGGCTTTTCACTTTATGCTTCCGGCTCGTATGTTGTGTGGAATTTGTGAAGCGGATAACAAATTTCAACAAGGAAACA GCTATGACCATGATTA CGCCAA GCTCGAAAT



460 TAACCCCTCACCTAAAGGGAACAAA GCTGGAGCTCCAGAGGTGTAATAAGTACTCAAAAATTTTACTCAAAGTAAAGTACAA GTAC TTAGGGAATAATT TTA CTCAATTA AAAAGT

SacI → Right To 12



Right To 12 ←

I-Sce I

Mlu I



S/N G:128 A:118 T:112 C:117

KB.bcp

KB 1.4.1.8 Cap:7



