

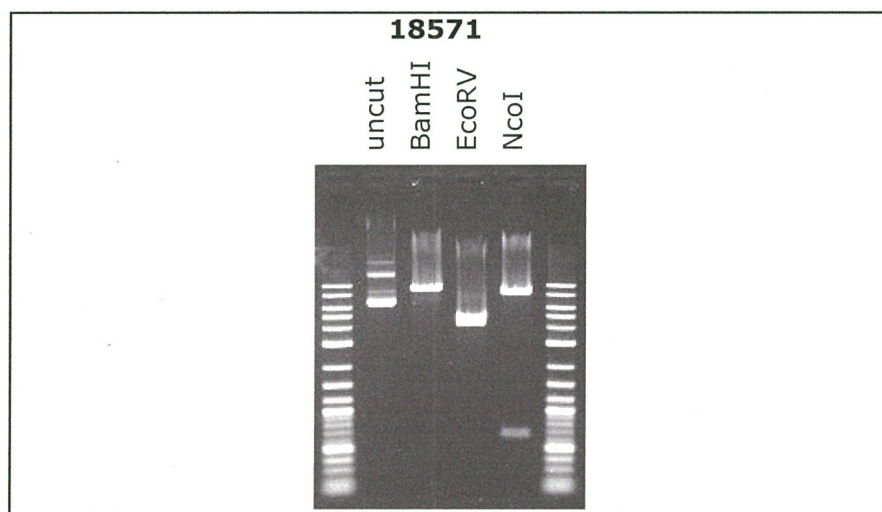
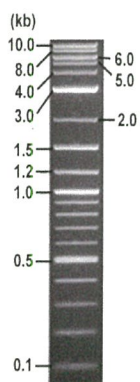


**RIKEN DNA BANK**

clone name : pSFL17 pRS315-GPDp-lfa38-GFP1-10

- Clone ID : RDB\_18571
- Lot : 18571\_B0J5
- 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 : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment
<b>BamHI</b>	<b>8.6</b> kbp
<b>EcoRV</b>	<b>4.5, 4.1</b> kbp
<b>NcoI</b>	<b>8.0, 0.6</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	Pr0800	HB-NOS_R	T7 pro, insert 5' (GPD pro, lfa38 5')
Sequence - B	Pr0108	SV40pA3'Element Reverse	T3 pro, insert 3' (CYC1 ter, GFP1-10 3')
Sequence - C	Pr0893	paGFP-M_R1	insert mid (GFP1-10 5', lfa38 3')
Sequence - D	Pr0169	LEU2pro_F	LEU2 pro, LEU2
Sequence - E	Pr0431	TDH3pro_F	insert mid (GPD pro, lfa38 5')
Sequence - F	Pr0022	CYC1ter_R	insert mid (CYC1 ter, GFP1-10)
Sequence - G	Pr0008	Amp_R	AmpR pro, CEN_ARS
Sequence - H	-	-	-

APPROVED BY :



S/N G:151 A:162 T:180 C:132

primer name A : HB-NOS\_R

D07393A5\_B0J5\_3\_HB-NOS\_R  
KB\_3500\_POP7\_BDTv3.mob

Oct 13, 2020 03:03PM, JST  
Oct 13, 2020 03:31PM, JST

KB.bcp

5-TCTTCGCTATTACGCCAGCT-3'

Pis 1444 to 13033 PK1 Loc:1421

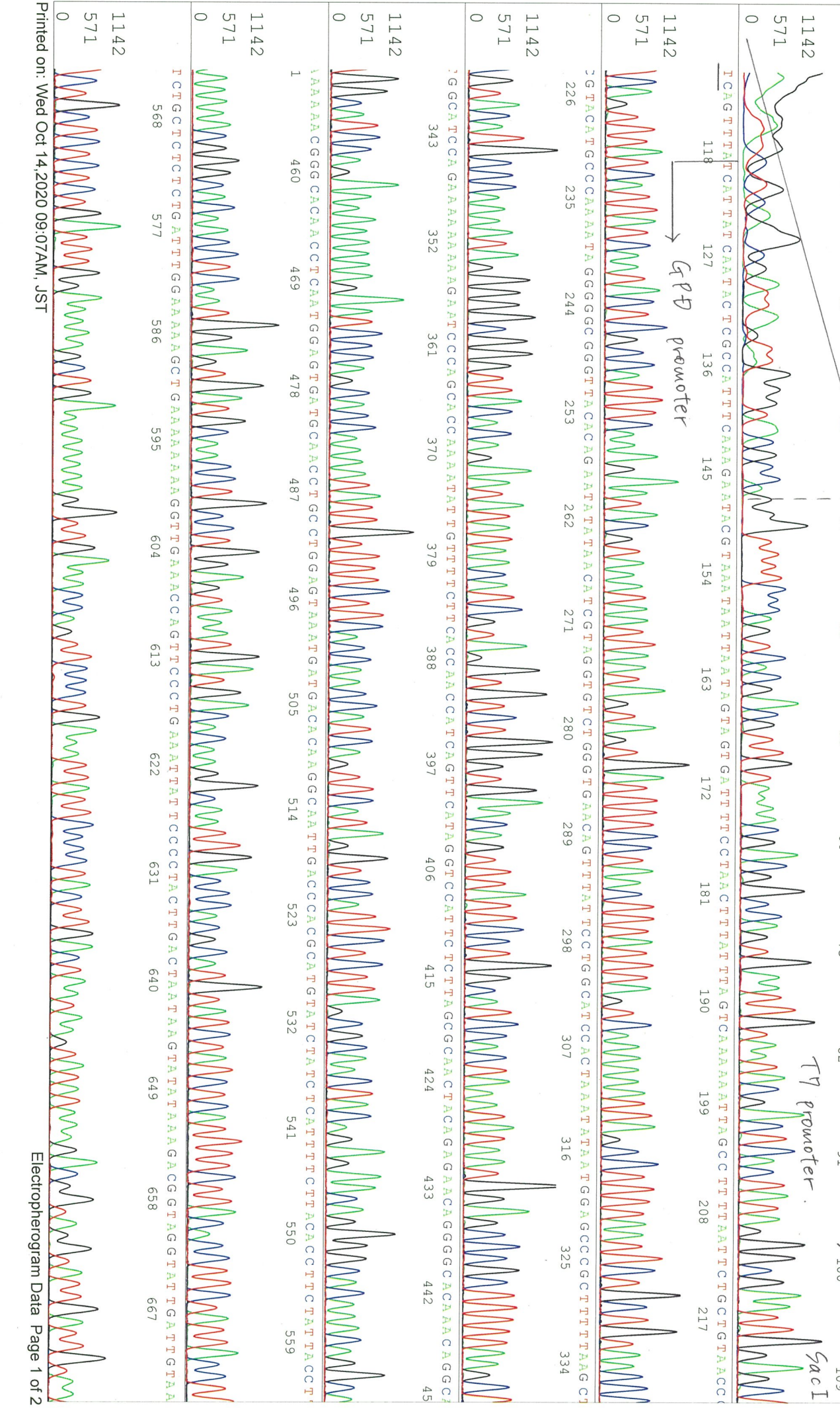
Spacing: 11.58 Pts/Panel1350  
Plate Name: 20201013 kitaku

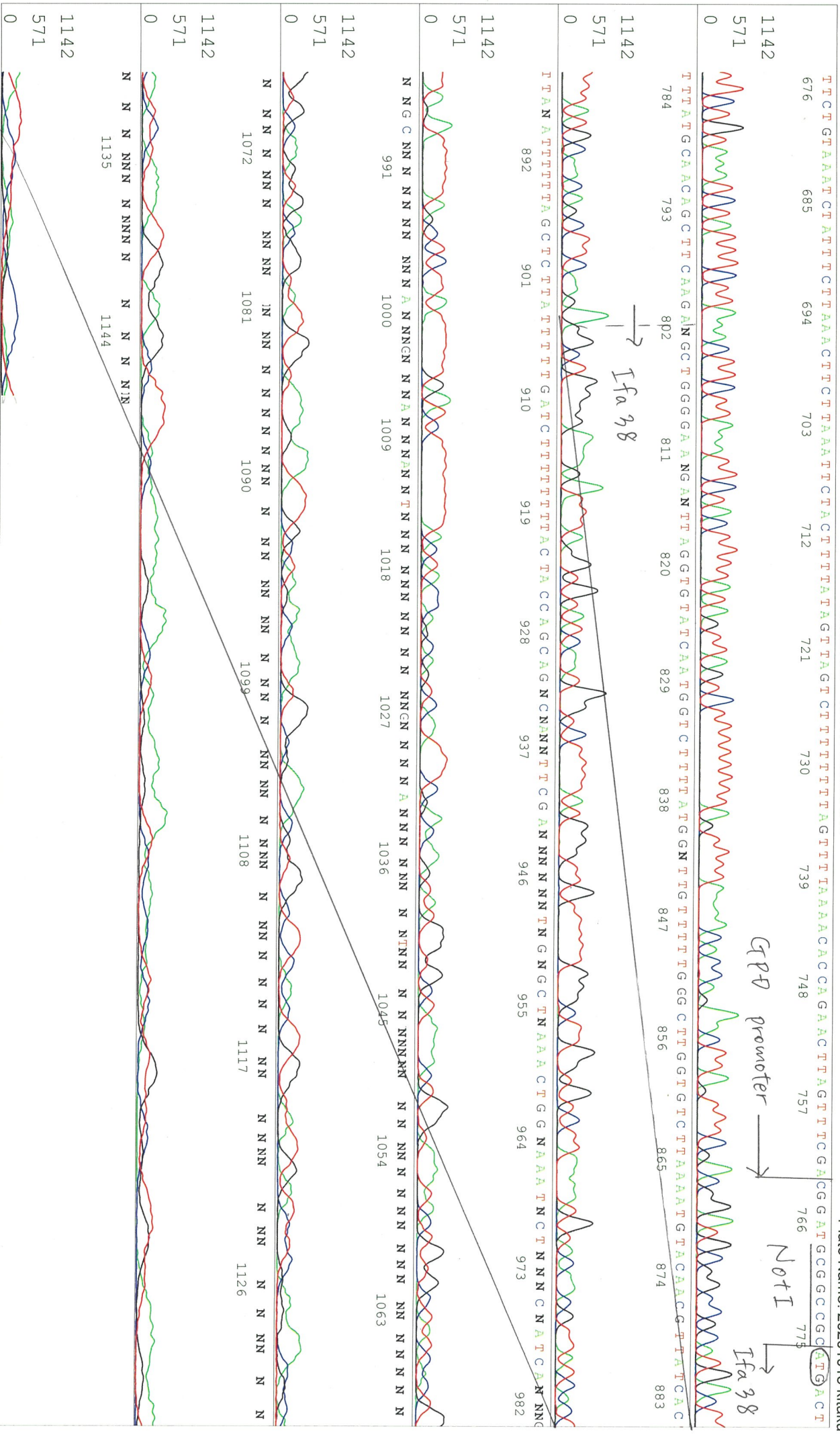
KB 1.4.1.8

Cap:3

Version 6.0

HISQV Bases: 945







S/N G:190 A:136 T:127 C:137

D07393A5\_B0J5\_3\_SV40pA3ElementReverse

KB\_3500\_POP7\_BDTV3.mob

Oct 13, 2020 03:03PM, JST

KB.bcp

Pls 1427 to 12761 Pk1 Loc:1404

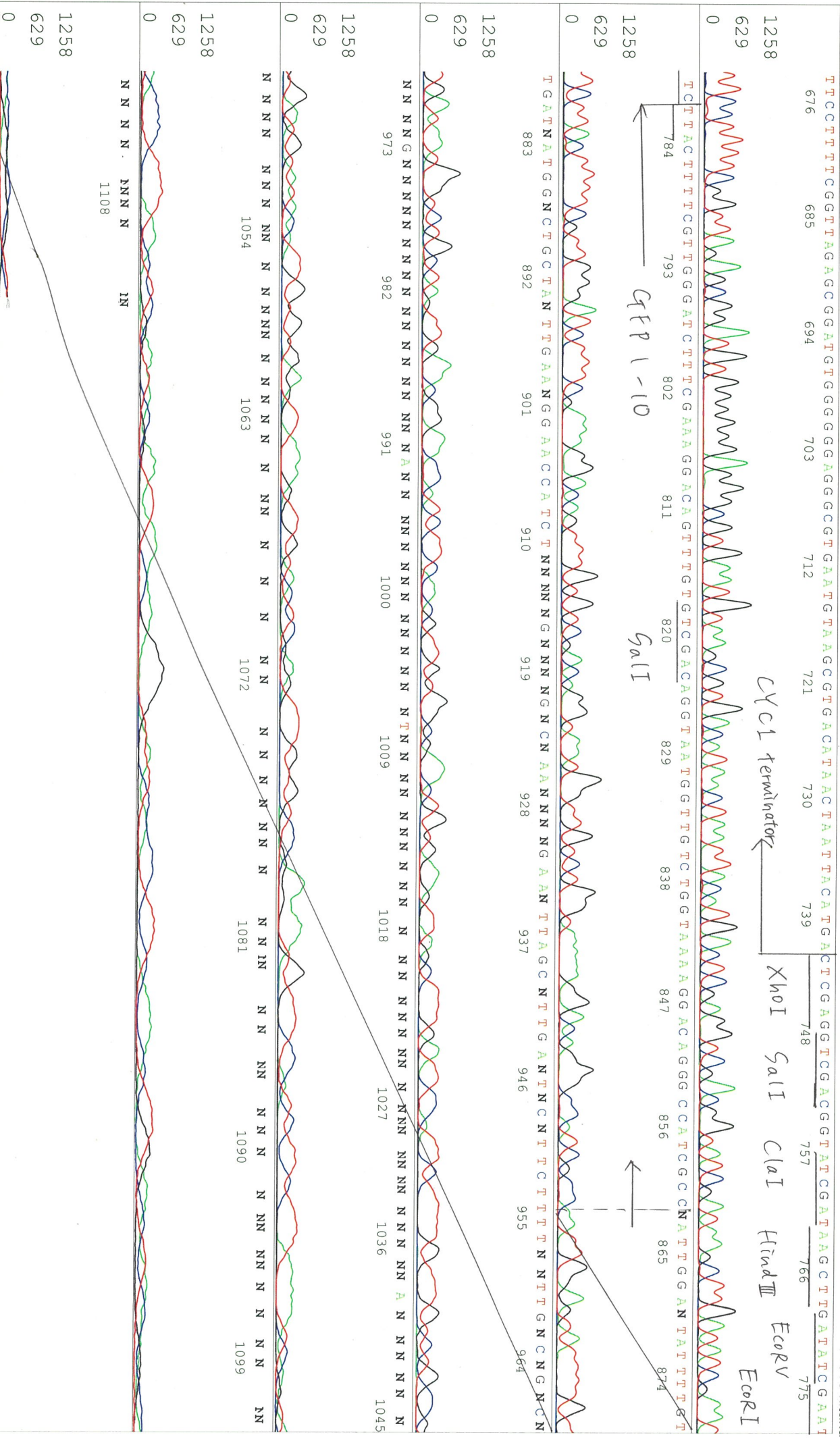
Oct 13, 2020 03:31PM, JST

KB 1.4.1.8 Cap:6

Version 6.0 HiSeqV Bases: 922

Spacing: 11.5 Pts/Panel1350

Plate Name: 20201013 kitaku



S/N G:231 A:261 T:215 C:189

primer name C : pagFP-M\_R1

D07393A5\_B0J5\_3\_pagFP-M\_R1

Oct 13,2020 03:03PM, JST

KB: bcp

5-TAGTGCCTCCTGTACATAACC-3'

KB\_3500\_POP7\_BDIv3.mob

Oct 13,2020 03:31PM, JST

KB 1.4.1.8

Cap: 12

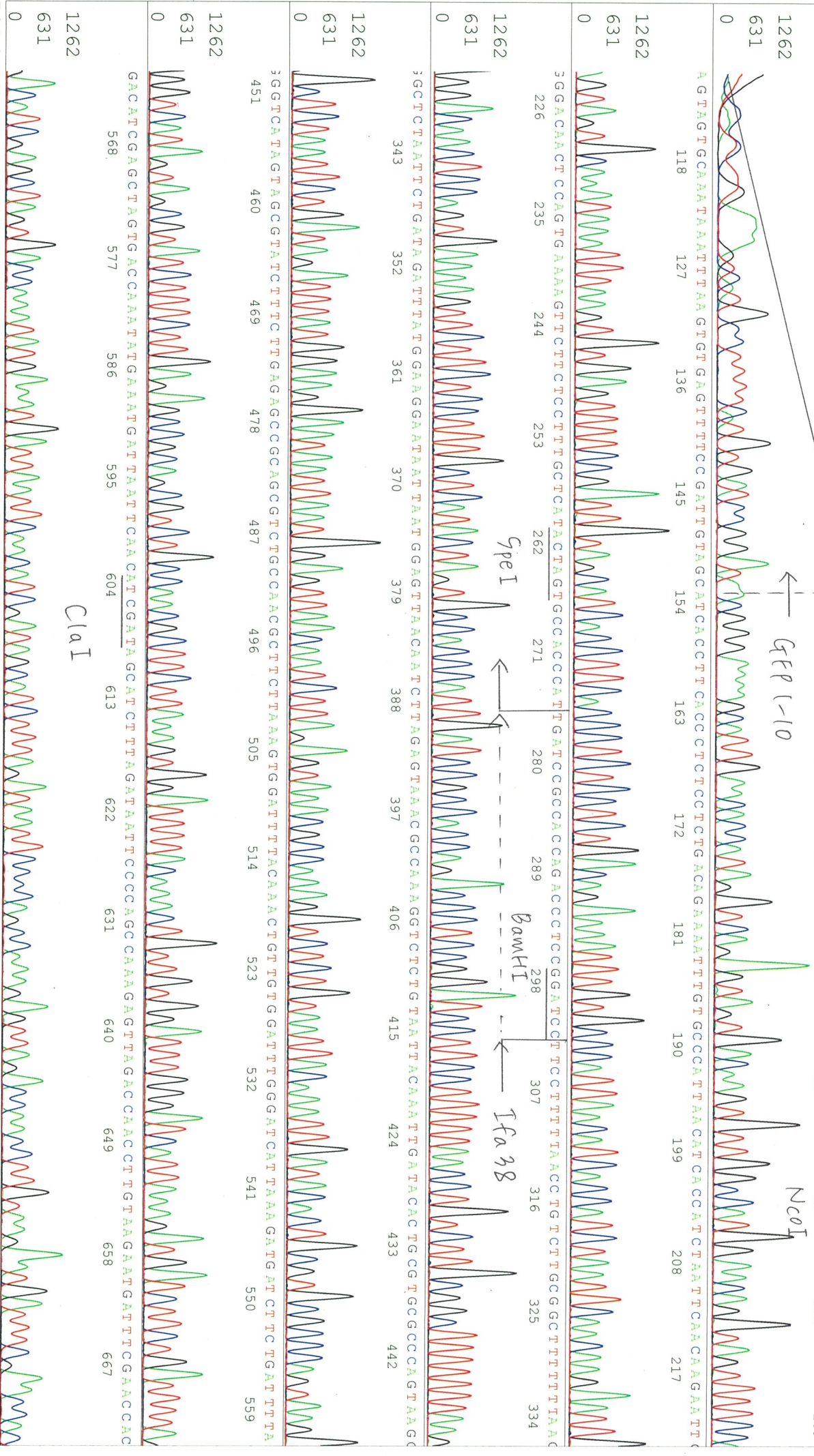
Pts 1419 to 13051 Pk1 Loc: 1396

Spacing: 1.58 Pts/Panel1350

Version 6.0

HiSeqV Bases: 954

Plate Name: 20201013 Kitaku



S/N G:231 A:261 T:215 C:189

D07393A5\_B0J5\_3\_pagFP-M\_R1

Oct 13,2020 03:03PM, JST

KB.bcp

KB\_3500\_POP7\_BDTV3.mob

Oct 13,2020 03:31PM, JST

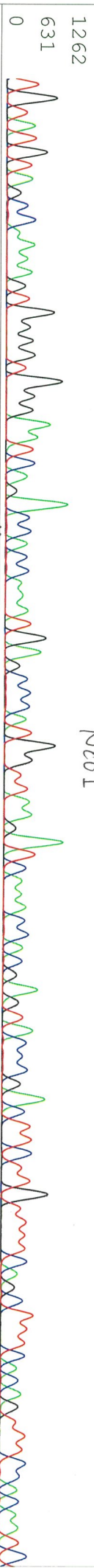
KB 1.4.1.8 Cap:12

Pts 1419 to 13051 PK1 Loc:1396

Spacing:11.58 Pts/Panel1350

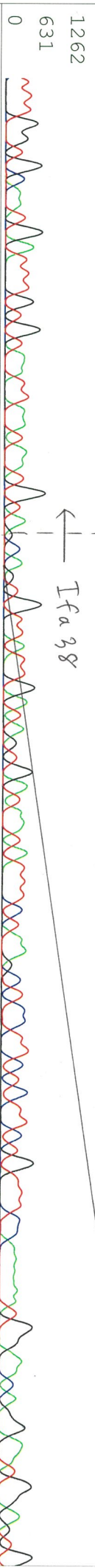
TGTATGTTAGCCAAAAAGTGGGGTGGGAATCAGACCAACAATGAGCCCATGGTTAAGATCAAAACCAAGTAGCCGACTTCTTGTTTCA GCTTCCACAGTTTCCCAATC

NCOI

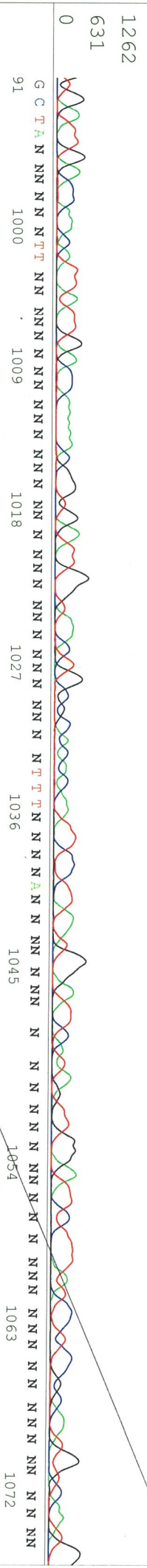


TTTGGTGCATGATTTGTGTAATTAATAA TGAN CAGTGTATTGATAGTATAATTTCTTAAGCTCCCTCTCTTGTTCCAAAATGGAACAGGANNAAGTG

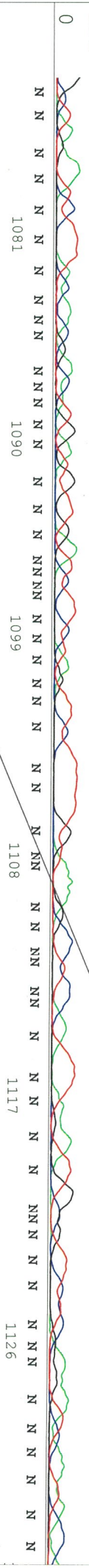
← I f a 38



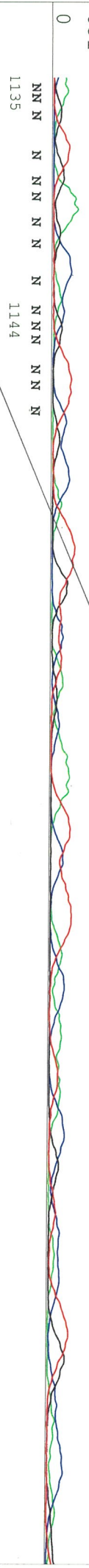
TGATTGANNNACATTTATTGANCNAAA CGGTGATNNGNAACTGCCACACAAATTCCTTNA NNNTCATANTTGNNTCTTATTCCNNCGCNA NGNNNG



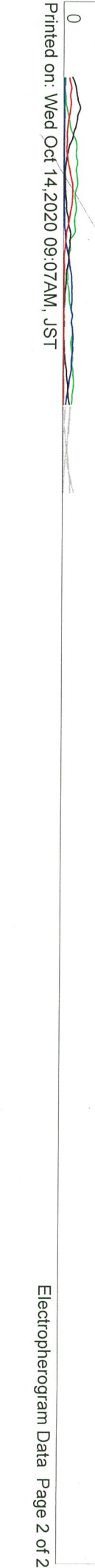
GCTANNNTNNNNNNNNNNNNNNNNNNNNNNNNNNNTTNNNNANNNNNNTTANN



NN



NN



Printed on: Wed Oct 14,2020 09:07AM, JST

S/N G:186 A:167 T:146 C:130

D07393A5\_B0J5\_3\_LEU2pro\_F

Oct 13, 2020 03:03PM, JST

KB.bcp primer name LEU2pro\_F

KB\_3500\_POP7\_BDTV3.mob

Oct 13, 2020 03:31PM, JST

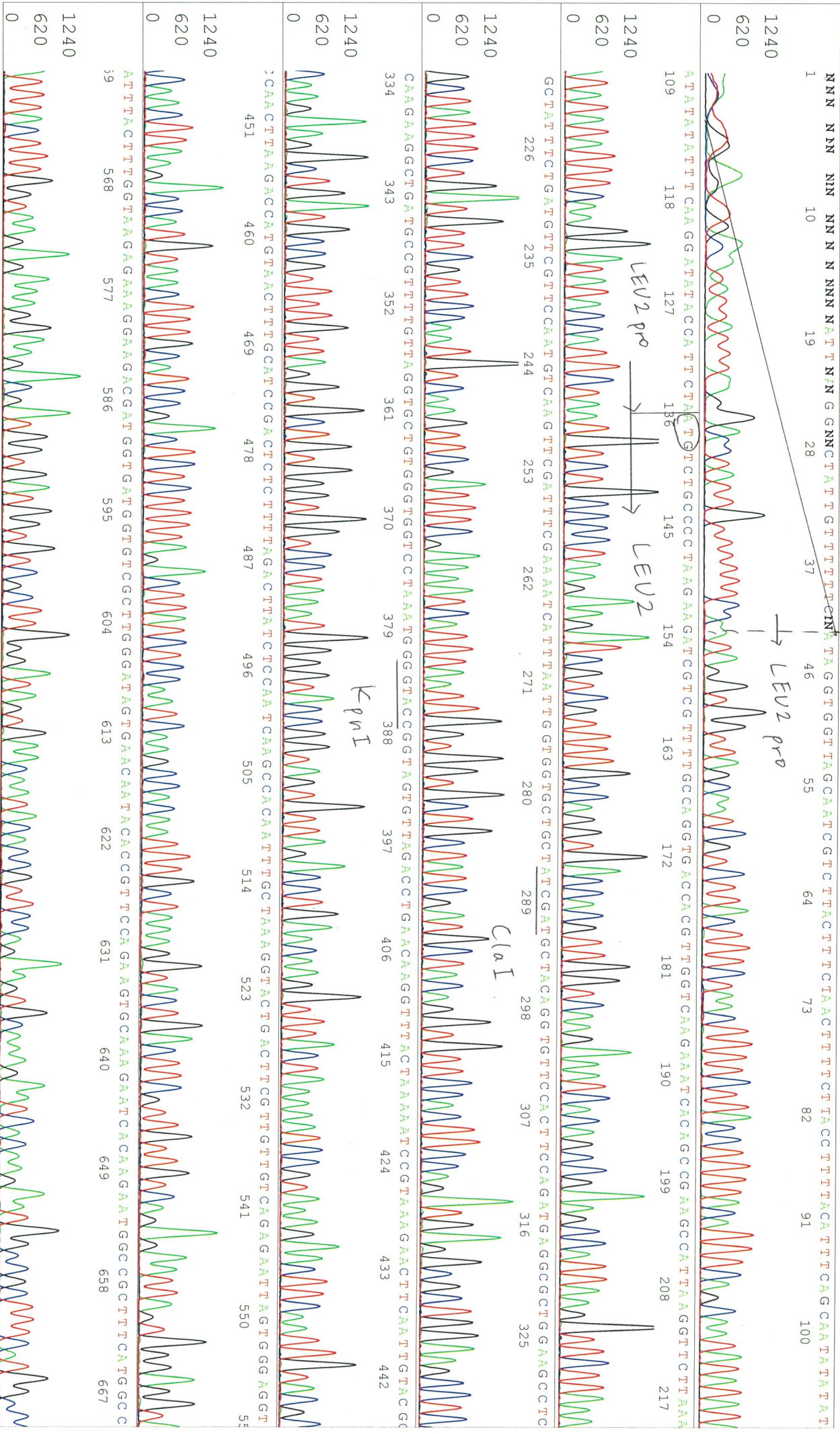
KB 1.4.1.8 Cap:9 5'-AAGCGTTCATGACTAAATGCTTGC-3'

Pts 1401 to 12993 Pk1 Loc:1378

Spacing:1.62 Pts/Panel1350

Version 6.0 HiSeqV Bases: 959

Plate Name: 20201013 kitaku





S/N G:186 A:167 T:146 C:130

D07393A5\_B0J5\_3\_LEU2pro\_F

Oct 13, 2020 03:03PM, JST

KB.bcp

KB\_3500\_POP7\_BDTV3.mob

Oct 13, 2020 03:31PM, JST

KB 1.4.1.8 Cap:9

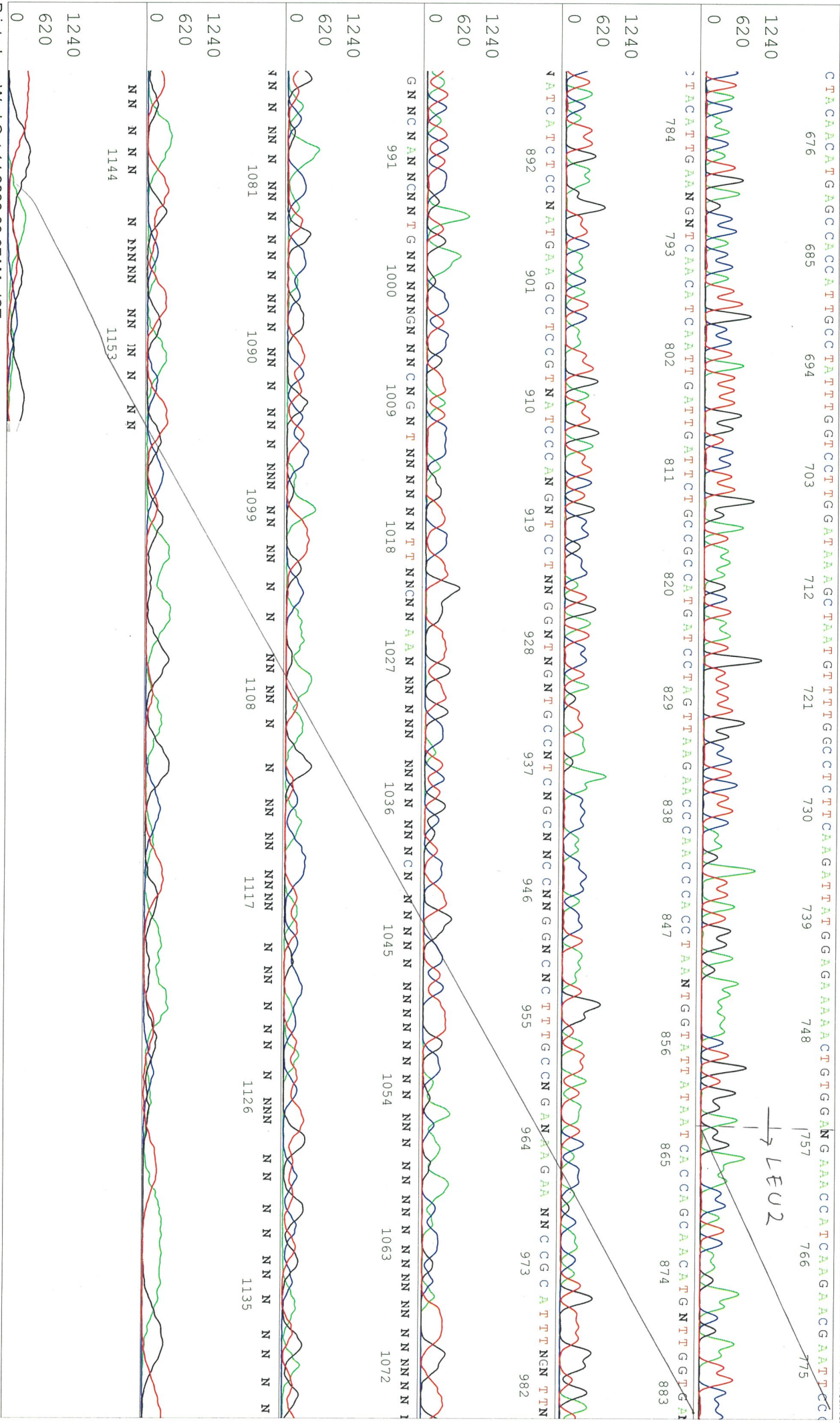
Pts 1401 to 12993 Pk1 Loc:1378

Spacing:11.62 Pts/Panel1350

Version 6.0 HiSeqV Bases: 959

Plate Name: 20201013 kitaku

LEU2



S/N G:327 A:334 T:281 C:238

primer name TDH3pro\_F

D07393A5\_B0J5\_3\_TDH3pro\_F  
KB\_3500\_POP7\_BDTV3.mob

Oct 13, 2020 03:03PM, JST  
Oct 13, 2020 03:31PM, JST

KB.bcp

5'-AAATTATTCCCTACTTGAC-3'

Pis 1387 to 12947 PK1 Loc:1364

Spacing: 11.61 Pts/Panel/350  
Plate Name: 20201013 kitaku

KB 1.4.1.8 Cap: 15

Version 6.0 HiSeqV Bases: 942

gpp promoter →



S/N G:327 A:334 T:281 C:238

D07393A5\_B0J5\_3\_TDH3pro\_F

Oct 13,2020 03:03PM, JST

KB:bcp

KB\_3500\_POP7\_BDTV3.mob

Oct 13,2020 03:31PM, JST

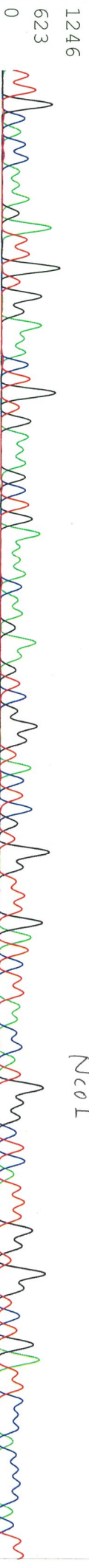
KB 1.4.1.8 Cap:15

Pts 1387 to 12947 PK1 Loc:1364

Spacing:1.1.61 Pts/Panel1350

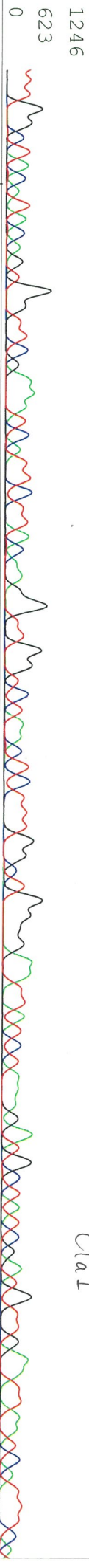
TTG CAC CAA AGATTG TG GAA AACTG TGA AAA GCTG AAAA CAAGA AGTCCGG TACTCG TTGGT TTGATCTTA ACCCA TGGGC TCA TTTGGTGGTCTTCCACCCTT

Nco I



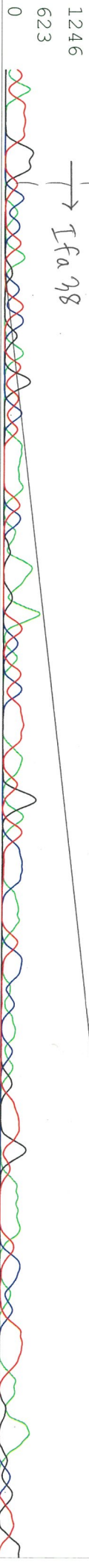
TTGGCTACATACAGTGGTTTCGAAATCATTCTTACCAAGGTTGGTCTAACTCTTTGGC TGGGGAATTATACTAAAGATGCTATCGATGTTGAATTA TCA TTTCA

Clal



TATTTGGNCAC TAGCTTCGATG NCTAAAA TCNNAANAATC ATCTTTAATGATCCNNAA NN CNNA NNNNTTGNA AAA TC CANN TTTNNNN NNN NN G

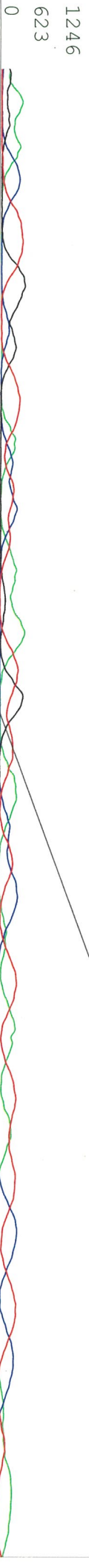
Ifa 98



NNANN



NN



NN

S/N G:162 A:142 T:133 C:122

primer name F : CYC1ter\_R

D07393A5\_B0J5\_3\_CYC1ter\_R  
KB\_3500\_POP7\_BDTV3.mob  
Pis 1395 to 12934 PK1 Loc:1372

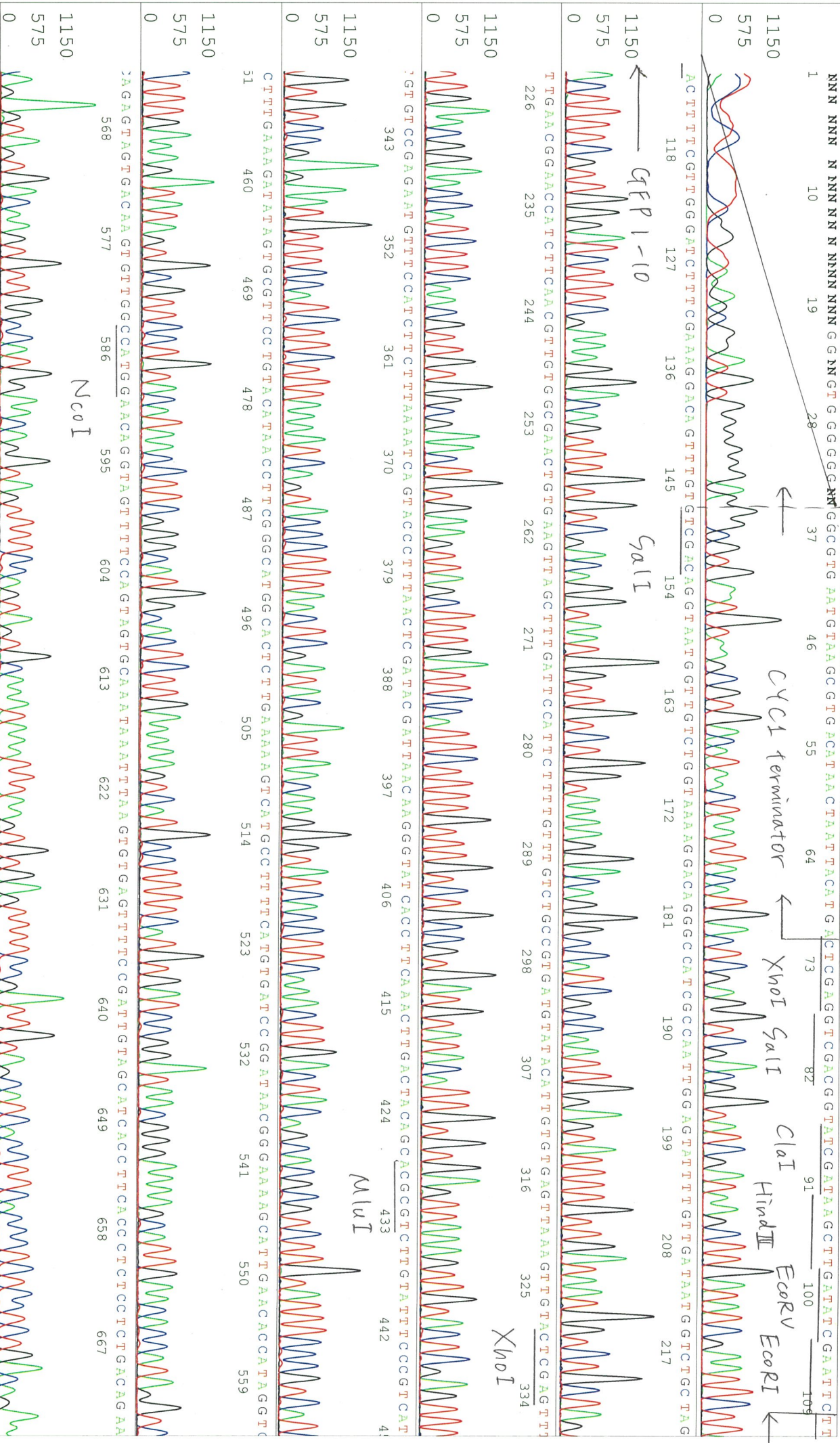
Oct 13,2020 03:03PM, JST  
Oct 13,2020 03:31PM, JST  
Spacing:11.51 Pis/Panel1350

KB.bcp  
KB 1.4.1.8 Cap:18

5'-AATAGGACCTAGACTTCAG-3'

Version 6.0 HiSeqV Bases: 943

Plate Name: 20201013 Kitaku



S/N G:162 A:142 T:133 C:122

D07393A5\_B0J5\_3\_CYC1ter\_R

KB\_3500\_POP7\_BDTV3.mob

Pis 1395 to 12934 Pk1 Loc:1372

Version 6.0 HiSQV Bases: 943

Oct 13,2020 03:03PM, JST

Oct 13,2020 03:31PM, JST

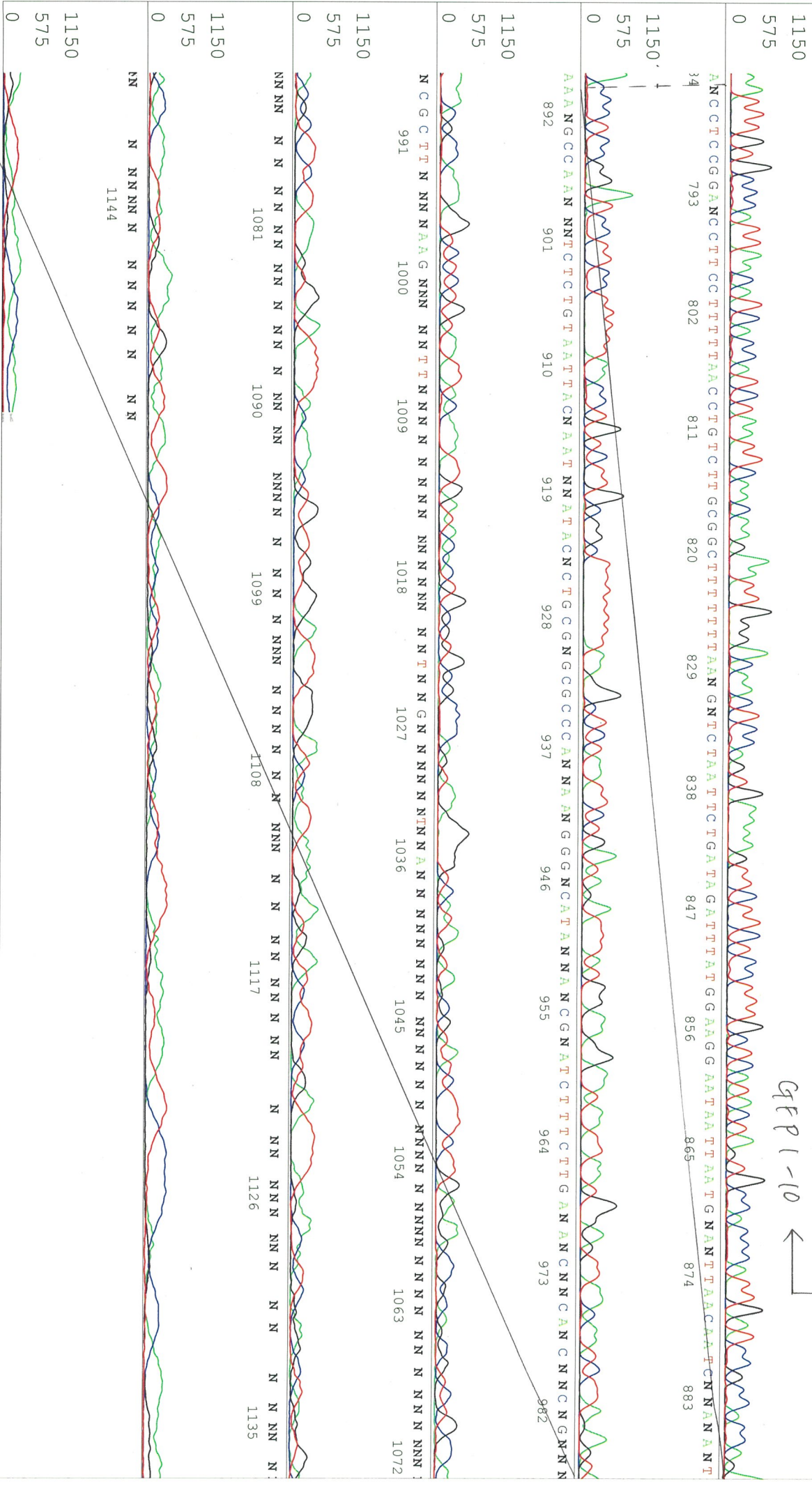
Spacing:1.1.51 Pts/Panel1350

KB:bcp

Plate Name: 20201013 kitaku

KB 1.4.1.8 Cap:18

GFP 1-10



S/N G:143 A:147 T:149 C:106

primer name *G* : Amp\_R

D07393A5\_B0J5\_3\_Amp\_R  
KB\_3500\_POP7\_BDTV3.mob  
Pis 1408 to 13030 Pk1 Loc:1385

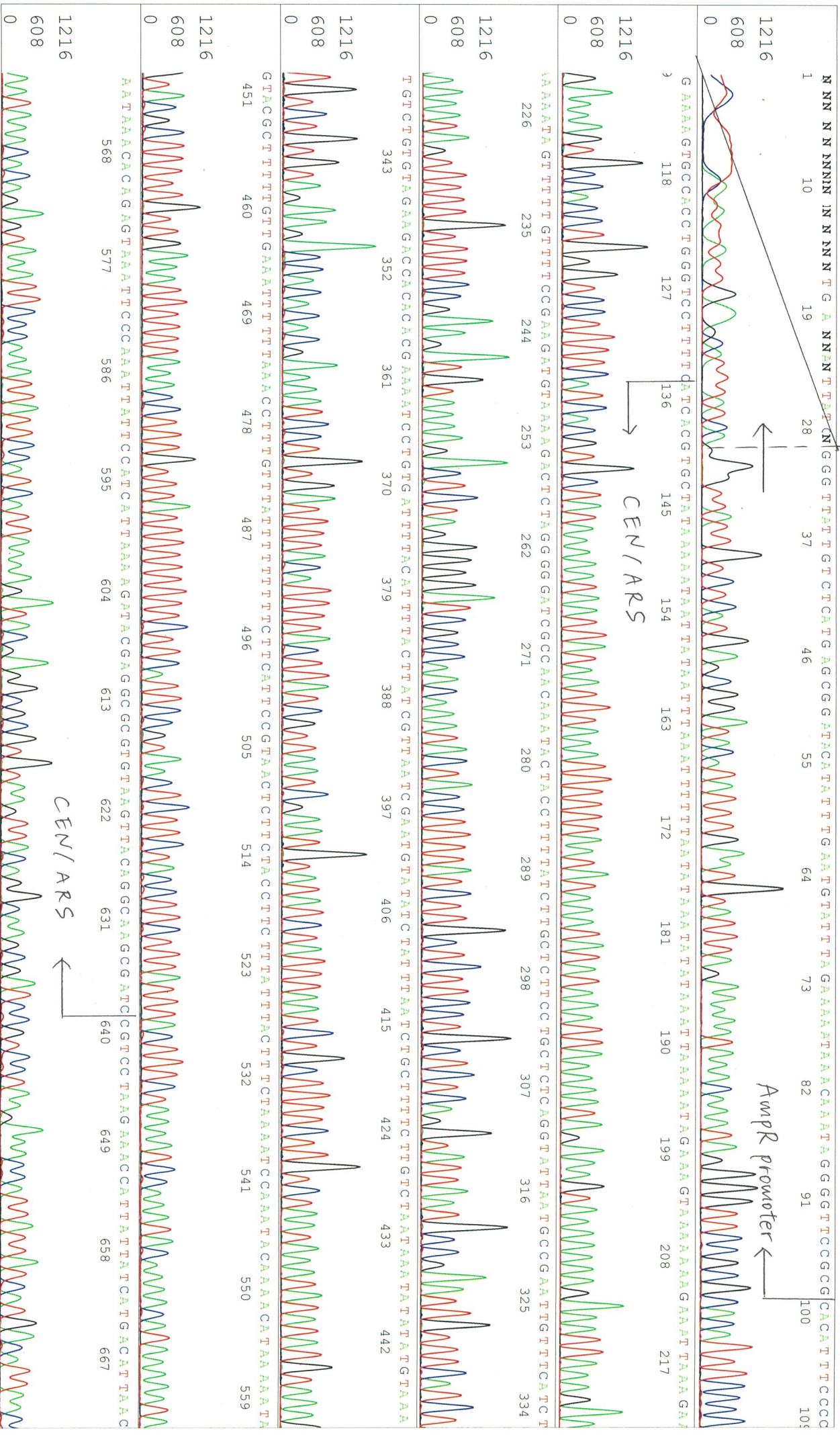
Oct 13,2020 03:03PM, JST  
Oct 13,2020 03:31PM, JST  
Spacing:11.56 Pts/Panel1350

KB.bcp  
KB 1.4.1.8 Cap:21

5'-GCCGACACGGAAATGTTGAATA-3'

Version 6.0 HiSeqV Bases: 963

Plate Name: 20201013 Kitaku



S/N G:143 A:147 T:149 C:106

D07393A5\_B0J5\_3\_Amp\_R

Oct 13, 2020 03:03PM, JST

KB.bcp

KB\_3500\_POP7\_BDTV3.mob

Oct 13, 2020 03:31PM, JST

KB 1.4.1.8 Cap:21

Pts 1408 to 13030 Pk1 Loc:1385

Spacing: 11.56 Pts/Panel1350

Version 6.0 HiSQV Bases: 963

Plate Name: 20201013 kitaku

